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IRIDESCENT VIRUS AND NOSEMA CERANAЕ LINKED TO HONEYBEE COLONY COLLAPSE DISORDER

Charles H. Wick

Michael F. Stanford

Alan W. Zulich

RESEARCH AND TECHNOLOGY
DIRECTORATE

Jerry J. Bromenshenk

Colin B. Henderson

THE UNIVERSITY OF MONTANA
Missoula, MT 59812



Samir V. Deshpande

SCIENCE AND TECHNOLOGY
CORPORATION
Edgewood, MD 21040-2734



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Patrick E. McCubbin

OPTIMETRICS, INC.
Abingdon, MD 21009



Rabih E. Jabbour

SCIENCE APPLICATIONS
INTERNATIONAL CORPORATION
Gunpowder, MD 21010-0068



December 2010



ABERDEEN PROVING GROUND, MD 21010-5424

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14. ABSTRACT A consistent marker for Colony Collapse Disorder (CCD) in the honeybee has been detected and identified by Mass Spectrometry based proteomics (MSP). The analysis of honeybees from commercial apiaries across the United States and from a research observation hive discovered an iridescent virus (<i>Iridoviridae</i> , IIV) that was significantly discriminated among strong, failing, and collapsed honeybee colonies. A relationship between IIV and the Microsporidia <i>Nosema</i> was further discovered using the same techniques. This combination of IIV and <i>Nosema</i> that is the consistent marker of CCD. MSP proved to be a rapid, automated analysis method that features an unrestricted capability to detect and identify multiple pathogens in a single analysis.						
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PREFACE

The work described in this report was started in March 2007 and completed in March 2010.

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**IRIDESCENT VIRUS AND NOSEMA CERANAE
LINKED TO HONEYBEE COLONY COLLAPSE DISORDER (CCD)**

1. INTRODUCTION

Historically, Colony Collapse Disorder (CCD) has been defined by its signs, which may vary with time of year and region (1). Whether the etiology of CCD in the United States is the same as observed in other countries remains unknown. Higes et al. concluded that in Spain, the microsporidian, *Nosema ceranae*, causes CCD, and reported that it could be cured by treatment with a fungicide (2). However, Cox-Foster et al. stated that *N. ceranae* did not contribute significantly to CCD in the United States. They observed through meta-genomic analyses that Israeli acute paralysis virus (IAPV) was a significant biomarker of the disorder (3) and was found in bees imported from Australia. Bee samples from our initial study in 2006-2007 had high titers of *N. ceranae*, and some contained an unspecified *Iflavirus* (4), which later proved to be IAPV.

These conflicting findings prompted us to broaden our survey of honeybee colonies by using a Mass Spectrometry based proteomic (MSP) approach to identify either potential causes or markers of CCD, and if possible, corroborate earlier findings. This MSP method was developed to allow a rapid survey and identification of peptides and corresponding proteins from virtually the entire available library of microbial, plant, insect, and vertebrate pathogens (5).

MSP allows a one-step method for the detecting and analyzing all of the most quantitatively abundant and structurally diverse macromolecules in the cell, without the need for amplification, probes, or primers. The greater abundance of cellular proteins and the larger diversity in the amino acid sequences, i.e., 400 combinations of amino acids, compared to 16 combinations of four nucleotides for genomics, enhances proteomic discrimination capabilities in identifying and classifying microorganisms to strain level (5). This provides both an effective complimentary alternative to gene-based approaches for pathogen screening and classification (6). Converging genome sequencing, automated acquisition of peptide fragmentation data by mass spectrometry, and bioinformatics allow peptide sequencing information to be obtained. Such information can be used to develop characterization strategies for unrestricted identification and taxonomic classification of microorganisms from the environment. This approach provides a means for fungi, bacteria, and viruses to be detected and classified, and for their phylogenetic relationships to be determined at the same time and from a single sample.

2. MATERIALS AND METHODS (7)

The proteomic approach uses an ensemble of bioinformatics tools for rapid classification and identification of microorganisms. The method is based on the peptide sequence generated from the Liquid Chromatography-Mass Spectrometry/Mass Spectrometry (LC-MS/MS) analysis of tryptic digests of microbial protein extracts and on profiling of the

sequenced peptides to create a matrix of sequence-to-microbe assignments. The binary matrix is populated by the experimental peptide information obtained using SEQUEST® (ThermoFisher Scientific, USA) search alignment algorithm that were processed using diverse visualization and multivariate statistical techniques for pathogen classification and identification (5,8). This proteomic approach is an automated process that reveals the match between analyzed peptides and the constructed proteome database of microorganisms (5). Sample preparation and analysis methods are detailed in following sections.

2.1 Worker Bee Samples

We obtained samples of adult worker honeybees from western, northeastern, and southeastern regions of the United States, focusing on commercial migratory beekeeping businesses that exhibited signs of CCD. In all, six different sample sets were taken. Two were from migratory beekeeping businesses, with one set of these moving between the East Coast and the Central Valley of California, and the other set moving between northern-tier states in the West and northern California. A third set was from packages of imported Australian bees soon after they were installed in hives on the East Coast. The fourth set of bees was sampled in 2008 from an apiary belonging to a large, 3000-colony, non-migratory beekeeping operation in northwestern Montana with no history of CCD. The fifth set was sampled from an apiary in Florida. The last set of samples came from research colonies at The University of Montana, Missoula. Bees were shaken directly into new, clean, 1 qt Ziploc® or 1 L Whirl-Pac® bags. The bags were sealed, placed in a cooler with frozen gel pacs, and shipped by overnight express to the U.S. Army Edgewood Chemical and Biological Center (ECBC). Samples were frozen and stored in a -80 °C freezer until analyzed.

We discovered CCD in its early stages in our research colonies. We placed the combs, remaining queen, and bees from one collapsing colony into a five-frame, glass observation hive. This colony recovered rapidly, but in 2 months, began to collapse again. This allowed a unique opportunity to observe the progression of the syndrome, and to collect a series of samples as CCD progressed.

From each commercial apiary, we sampled one or more sets of bee colonies at different apiary locations. We scored each colony according to number of frames of bees and frames of brood. We then collected samples of bees from the strong (i.e., largest adult bee population), failing (reduced adult bee population with a disproportionate, excessive amount of brood for the adult population size), and collapsed colonies (queen and a small, half-frame retinue of young bees) within each apiary.

The collapsing research colony in the observation hive was sampled 16 times over a 3 month period when only a queen and four workers remained. We also collected forager flight activity records from a digital counter mounted on the observation colony. That data provided supplementary data for the number of foraging flights made and the number of foragers that returned each day.

2.2

Processing Protocols for Biological Samples

Bee samples were homogenized in 100 mM of ammonium acetate buffer using a tissue homogenizer (Waring or Kontes). The supernatant was filtered to remove large particulates, followed by ultrafiltration at 300 kDa. All filtered bee samples were lysed using an ultra-sonication probe at settings of 20 s pulse-ON, 5 s pulse-OFF, and 25% amplitude for 5 min. To verify cells were appropriately disrupted, a small portion of lysates was reserved for 1-D gel analysis. The lysates were centrifuged at 14,100g for 30 min to remove all cellular debris. Supernatant was then added to a Microcon YM-3 filter unit (Millipore, USA) and centrifuged at 14,100g for 30 min. Effluent was discarded, and the filtrate was denatured by adding 8 M urea and 3 mg/mL Dithiothreitol (DTT) and incubated for 2 h in an orbital shaker set to 50 °C and 60 rpm. A 10 µL volume of 100% acetonitrile (ACN) was added to tubes and allowed to sit at room temperature for 5 min. Tubes were washed using 100 mM ammonium bicarbonate (ABC) solution and then spun down at 14,100g for 30-40 min. The isolated proteins were then digested with 5 mL trypsin (Promega, USA) in 240 mL of ABC solution + 5 mL ACN. Digestion was performed overnight at 37 °C in an orbital shaker set to 60 rpm. Sixty microliters of 5% ACN/0.5% formic acid (FA) was added to each filter and vortex mixed lightly for 10 min. Tubes were centrifuged at 14,100g for 20-30 min. An additional 60 mL of 5% ACN/0.5% FA mixture was added to filter and spun. Effluent was then analyzed using the LC-MS/MS technique.

2.3

Protein Database and Database Search Engine

A protein database was constructed in a FASTA format using the annotated bacterial and viral proteome sequences derived from all fully sequenced chromosomes of bacteria and viruses, including their sequenced plasmids (as of September 2008). A PERL program (<http://www.activestate.com/Products/ActivePcr1>) was written to download these sequences automatically from the National Institutes of Health National Center for Biotechnology (NCBI) site (<http://www.ncbi.nlm.nih.gov>). Each database protein sequence was supplemented with information about a source organism and a genomic position of the respective open reading frame (ORF) embedded into a header line. The database of bacterial proteomes was constructed by translating putative protein-coding genes and consists of tens of millions of amino acid sequences of potential tryptic peptides obtained by the *in silico* digestion of all proteins (assuming up to two missed cleavages). The protein database is listed in Appendix A.

The experimental MS/MS spectral data of bacterial peptides were searched using the SEQUEST® (Thermofisher Scientific, USA) algorithm against a constructed proteome database of microorganisms. SEQUEST thresholds for searching the product ion mass spectra of peptides were Xcorr, deltaCn, Sp, RSp, and deltaMpep. These parameters provided a uniform matching score of all candidate peptides. The generated outfiles of these candidate peptides were then validated using peptide prophet algorithm.

Peptide sequences with a probability score of 95% and higher are retained in the dataset and used to generate a binary matrix of sequence-to-bacterium assignments. The binary matrix assignment is populated by matching the peptides with corresponding proteins in the

database and assigned a score of 0(no-match) or 1(match). The column in the binary matrix represents proteome of a given virus, and each row represents a tryptic peptide sequence from the LC-MS/MS analysis. Bee samples were identified with the virus/bacterium/fungi proteome based on the number of unique peptides that remained after removal of degenerate peptides from the binary matrix.

Proteomics identified peptides described from nine species of *Nosema*: *N. apis*, *N. bombycis*, *N. locustae* (also known as *Antonospora locustae*), *N. tricoplusiae*, N. BZ-2006B, N. BZ-2006d, *N. granulosis*, *N. empoasca*, *N. putellae*, and a tenth un-named *Nosema*. Total peptide counts for each species were entered into a hierarchical cluster analysis using average Chi-Squared distance between pathogen species. The analysis produced two major categories: Group 1, which contained *N. apis*, *N. bombycis*, and *N. locustae*; and Group 2, which contained all of the remaining species.

2.4 Data Mining and Statistical Methods

We performed forward, stepwise discriminant analysis on square-root transformed pathogen counts. Four colony groups were discriminated: strong, failing, collapsed, and the Montana outgroup. Selection method for variable entry was largest Wilks' lambda, and *a priori* equal probability of group membership was assumed. The analysis was completed after two steps that incorporated IIV-6 and deformed wing virus (DWV) as significant discriminating variables (Final Wilks' lambda = 0.679; $F = 2.881$; $df_1 = 2, 54$; $P = 0.031$). For the analysis, counts were calculated by weighting each pathogen occurrence by the total number of its detected peptides. Our use of peptide counts as a weighting factor stems from the observation that as total pathogen titer in a sample increases, the number of different peptides that can be identified by proteomics increases in a predictable manner. Thus, the number of peptides observed for each pathogen serves as a relative measure of its abundance in the sample.

3. RESULTS

MSP analyses produced results of more than 3,000 identifiable peptides, representing more than 900 different species of invertebrate microbes. Because known bacterial infections of honeybees are well described, with visible signs that differ from CCD, we were able to focus our search to other microbes, including viruses, fungi, and microsporidia in the genus *Nosema*. This capability enabled us to discover and describe the relationship among the microorganisms present in the bees.

We identified peptides from nine of the approximately 20 known honeybee viruses in the strong, failing, and collapsed colonies that we surveyed. Six were identified in the collapsing observation hive (Table 1). The isolated, non-migratory Montana colonies that we included as an out-group were unique, being nearly virus free with a single colony having a low concentration of the Sacbrood virus (SBV).

Recently described (9) *Varroa* destructor virus 1 (VDV-1) occurred in two colonies. Peptides of Kakugo virus (10, 11), which has not previously been reported in North

American bees, were detected in two colonies from a single West Coast location. IAPV did not occur frequently, and was distributed equally among strong and failing colonies. It was more prevalent in colonies originating from the East Coast and Australia.

The most prevalent viral peptides we detected were identified with Invertebrate iridescent virus 6 (IIV-6), with some classified as Invertebrate iridescent virus 3 (IIV-3), both of which are large double-stranded DNA viruses of the *Iridoviridae* family. We detected 139 unique peptides in our west- and east-coast data that were attributed to IIV-6 with high confidence (≥ 0.99). No other iridescent virus was detected. Later samples also indicated IIV-6 and the dominant iridescent virus in collapsing colonies (88% of iridescent peptides).

The IIV pathogen appeared with 100% frequency and with higher peptide counts in failing and collapsed colonies. IIV also occurred in nearly 75% of strong colonies although, with lower concentrations, and with low or absent *Nosema* peptides. Numerous peptides for *Nosema* were detected in collapsed and failing colonies. Ten species of *Nosema* were represented; but, because of high cross correlations among the different peptides within the genus, we elected to aggregate them based on cluster analysis into two distinct groupings as previously stated.

Using those groupings, we observed that one group of *Nosema* peptides paralleled the pattern of occurrence for IIV virus ($r = 0.90$, $n = 31$, $P < 0.001$) and was present at high frequency in failing and collapsed colonies (Table 1). Other suggestive correlations in other microbes included the occurrence of Black queen cell virus (BQCV) and IIV virus ($r = 0.71$, $P < 0.001$), and concordantly the same *Nosema* group ($r = 0.73$, $P < 0.001$). The complete raw data analyses are listed by sample in Appendix B

Count-weighted occurrence data were subjected to stepwise discriminant function analysis to assess whether strong, failing, or collapsed colonies could be differentiated by specific patterns of pathogen occurrence. The isolated Montana apiary was used as a distinct, non-CCD, out-group for this analysis.

Discriminant analysis indicated that only two pathogens, IIV-like virus and DWV, were necessary for significant discrimination among different colony groups (Table 2). The leading function contrasted higher incidence of IIV virus in failing colonies with higher incidence of DWV in the remaining groups (Figure 1). As expected, the out-group was most distinct and significantly different from all but the strong condition colonies (Pout - strong = 0.06; Pout - failing < 0.001; Pout - collapsed = 0.04). *Nosema* was not a significant predictor of colony condition; but, *Nosema* group 1 was highly correlated with IIV virus ($r = 0.901$, $P < 0.001$), and so was not included in the final discriminant functions because of its co-correlation with the IIV virus.

As a final step to assess the validity of the discriminant model, we generated classification functions for each colony health category then reclassified each colony as either out-group, strong, failing, or collapsed - independent of its original designation. The resulting probabilities mirrored the discriminant function analysis. The out-group was perfectly classified as not exhibiting CCD.

For the research colony, as CCD progressed, colony flight activity was recorded and exhibited several peaks and crashes until it declined by approximate geometric decay to extinction (Figure 2). Of the six RNA bee viruses most frequently identified by proteomics, most occurred in only one or a few samples, with little correlation to the progression of collapse (Table 3). However, iridoviruses occurred through most of the collapse and were significantly negatively correlated with population trajectory ($r = -0.57$, $P = 0.02$). No other correlations were made with the collapse of this research colony.

4. DISCUSSION

Invertebrate iridescent viruses (IIVs) are icosahedral, double-stranded DNA viruses. Of the many isolates reported from insects, only two, IIV-3 and IIV-6 (12-14), have been subjected to complete genome sequencing (24) and have been partially characterized (12). IIVs are numbered according to date of isolation (15). These viruses produce opalescent colors in the organs of heavily infested hosts, particularly in insects in either damp or aquatic habitats, and have been shown to alter growth, longevity, and reproduction, and to induce cell apoptosis (12, 16-18). In silkworms, IIV-1 can induce epidermal tumors (19).

Patent IIV infections are almost invariably lethal but covert infections may be common (12). Unapparent infections may not be lethal, but may induce sub-lethal effects on the reproduction and longevity of covertly infected hosts (16). IIV-3 is thought to be restricted to a single host species, the mosquito (12, 14), although we found peptides close to those of IIV-3 in bees from the observation hive. Other IIVs, like IIV-6, naturally infect various species of *Lepidoptera* and *Orthoptera* in laboratory colonies. There is good evidence that *Hymenopteran endoparasitoids* can become infected if they develop in an infected caterpillar (20). IIV-24, originally isolated from the Asiatic honeybee *Apis cerana*, is known to affect bee colonies severely, causing inactivity, crawling, and clustering disease (21-23).

Our discriminant analysis and classification functions showed that failing colonies were significantly different from strong and from collapsed colonies based on prevalence of IIV peptides (Table 1, Figure 1). In commercial bee operations with CCD and in the research colony, the bees exhibited IIV-like virus in high abundance, strengthening the conclusion that in failing colonies, an IIV-like pathogen is indicative of CCD. Whether the IIV peptides we detected in CCD colonies are truly indicative of IIV-6, IIV-3, or are from some unreported IIV is unknown and is the subject of ongoing research.

In addition to IIVs, MS-based proteomics identified peptides of two heretofore unreported RNA bee viruses in U.S. honeybees, VDV-1 (9) and Kakugo virus, although frequency of detection was relatively rare. Peptides from nine bee RNA viruses were found; but, other than the presence IIV-like DNA, only the co-occurring absence of deformed wing virus, another RNA virus, was significant with respect to CCD.

In India, an iridescent virus, (IIV-24) was associated with severe bee mortality, and the transmission of the virus was suspected to occur via eggs, feces, or gland secretions in

food, and by one or more species of mites that may act as vectors (21-23). They also associated and correlated the IIV-24 with a co-infective *Nosema* and tracheal mites in sick colonies of *Apis cerana*. Iridescent viruses have also been implicated in severe bee losses in the U.S. (25) and Spain (26).

The high correlation of *Nosema* and the IIV virus that we observed in CCD colonies also suggests that these two pathogens may act as co-infective agents linked to CCD. That strong and collapsed colonies were more similar to each other and different from failing colonies seems to indicate that the IIV/*Nosema* infection is active in failing colonies. This observation suggests that mortality can be controlled if the IIV/*Nosema* relationship is disrupted by treating for either the IIV or the *Nosema* infections.

Apis iridescent virus was also isolated from sick adult specimens of *Apis cerana* and found to multiply in *Apis mellifera*, forming cytoplasmic iridescent crystalline aggregates in the fat body, hypopharyngeal glands, the gut wall, and proximal ends of the Malpighian tubules (21).

One or more species of external mites were suspected of being carriers of the IIV in Indian bees (22), as was also the case in the United States, with *Varroa* acting as the vector (25). The need for a better knowledge of the ecology of iridescent virus has been emphasized in order that preventive measures could be taken to not only offset damage to *Apis cerana* but also to reduce the chance that *Apis mellifera* could become infected by this pathogen (22).

These historical findings of IIV, mites, and *Nosema* spp. are intriguing since researchers studying *Nosema ceranae* and CCD in Spain saw iridescent virus particles when looking at bee samples under an electron microscope (26). U.S. investigators studying CCD observed structures in thoraxes of bees described as 'peculiar white nodules', resembling tumors, that contained crystalline arrays (27), similar to those described for IIV infections. In addition, the IIV-6 genome encodes for one or more polypeptides that can produce insect mortality by inducing apoptosis without the need for viral replication (28).

5. CONCLUSIONS

Mass Spectrometry based proteomics provided an unrestricted and unbiased approach for surveying pathogens and detected a DNA virus and two RNA viruses that had not been previously reported. The correlation of Invertebrate iridescent viruses (IIVs) with Colony Collapse Disorder (CCD) probably went unnoticed because these are large DNA viruses, not the small RNA viruses commonly considered to be the cause of most bee diseases. Genomic studies focused on RNA viruses would have missed a DNA virus.

The correlation between IIV and *Nosema ceranae* (*N. ceranae*) implies that one follows the other. Co-infection with IIV might explain why *N. ceranae* sometimes seems to contribute to severe colony losses, and sometimes not, as reported by researchers and beekeepers (3 - 4).

Regardless of whether the prevalence of IIV is a marker, a cause, or simply a consequence of CCD, it provides a good fit with what is known about the disorder. Virtually all of the bees from CCD colonies contained IIVs; whereas, IIV was present neither in bees imported from Australia nor in bees from the non-migratory, commercial bee operation in Montana. Neither the Australians (28) nor the Montana beekeepers have ever reported seeing CCD. Because covert infections are typical of IIVs (12, 16), detection of IIV in strong colonies and in the remnant young bee populations of collapsed colonies is to be expected. Large amounts of IIV in failing colonies is consistent with an infection that proliferates in bees to a state that is lethal but not necessarily to a degree where it is evident in the iridescence of infected bee tissues. IIV in the presence of *N. ceranae* could conceivably be a lethal combination.

Approximately 30 years ago, other investigators concluded that the iridescent virus was the likely cause of widespread and severe losses of 25-40% of honeybee colonies in India (21-23), and that the iridescent virus was often correlated with *Nosema* and mites (23). Thirteen years ago, iridescent virus, with *Varroa* mites acting as a virus activator, was implicated in unusually high losses of bees in the northeastern United States (25). Yet, until MS-based proteomic methods revealed the presence of IIVs in CCD colonies in the United States, these cases and warnings were mostly forgotten.

Finally, the suspected source of *Nosema ceranae* is the Asian bee *Apis cerana* (29). This bee is also known to be infected by Thai SBV and the Kashmir bee viruses, which was first detected as a contaminant in a sample of iridescent virus from India, as well as an *Apis* iridescent virus. This suggests that perhaps not only the microsporidium *N. ceranae*, but other pathogens as well may have jumped from *Apis cerana* to *Apis mellifera*, as predicted by Bailey and Ball in 1978 (22).

Our research aimed to identify potential causes or markers of CCD and to see if we could corroborate any of the conflicting findings from prior studies. We found that CCD is marked by the presence of an IIV virus that was positively correlated with *Nosema*. These results provide credibility to disparate findings of older, often overlooked work by other investigators, who have associated IIV with bees, mites, *Nosema* spp., and bee losses. We have established that the IIV/*Nosema* relationship is the critical association in honeybee mortality and may indicate a solution. It is clear that one solution to improved honeybee health is to disrupt the IIV/*Nosema* relationship.

Table 1. Frequency of occurrence of viral pathogens and *Nosema* in colonies sampled in 2006, 2007, and 2008

	East Coast – West Coast Colonies, 2006						Observation Colony, 2007		Florida Colonies, 2008	
	Collapsed n = 8		Failing n = 10		Strong n = 13		Subsamples n = 18		n = 9	
Pathogen	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)	Frequency	Mean Peptides (s.d.)
ABPV	2	0.3 (0.46)	5	1.5 (2.07)	5	0.9 (1.28)	13	1.3 (1.28)	7	11.6 (12.4)
BQCV	2	0.4 (0.74)	6	1.4 (1.8)	3	0.8 (1.54)	4	0.3 (0.57)	7	1.9 (1.5)
DWV	3	0.8 (1.4)	1	0.2 (0.6)	6	0.6 (0.8)	4	0.6 (1.38)	7	15.9 (20.1)
IIV-6	8	20.9 (28.2)	10	38.0 (39.6)	9	15.6 (22.4)	18	16.1 (12.74)	9	57.6 (23.6)
IAPV	1	0.3 (0.7)	4	1.4 (2.3)	5	0.8 (1.3)	11	0.9 (0.96)	5	2.4 (2.8)
KV	0	0 (0)	0	0 (0)	3	0.3 (.08)	3	0.2 (0.55)	2	0.3 (.04)
KBV	3	0.2 (3.2)	6	1.9 (2.1)	9	1.0 (0.9)	1	1.0 (1.28)	6	3.6 (5.0)
SV	2	0.9 (1.6)	4	0.9 (1.4)	6	1.2 (2.3)	11	1.3 (1.36)	6	3.8 (7.0)
VDV-1	0	0 (0)	1	0.2 (0.6)	1	0.2 (0.6)	4	0.4 (1.04)	5	1.3 (1.6)
<i>Nosema</i> group 1	5	6.4 (9.1)	9	11.4 (9.6)	7	5.2 (7.7)	18	8.7 (5.74)	9	35.2 (15.3)
<i>Nosema</i> group 2	3	0.8 (1.4)	3	0.7 (1.3)	3	0.2 (0.4)	11	1.0 (0.97)	0	0 (0)

ABPV - Acute Bee Paralysis Virus

KBV - Kashmir Bee Virus

Table 2. Summary of discriminant function analysis for pathogen differences among honeybee colonies grouped by CCD status.

- a. Cumulative variance, significance, and coefficients for derived discriminant functions.
- b. Pooled within-groups correlations between discriminating variables and standardized canonical discriminant functions. Variables are ordered by absolute size of correlation within function.

(a.)									Standardized Function Coefficients	
	Function	Eigenvalue	Var. %	Cum. %	Canonical Correlation	Chi-square	df	P	IIV-6	DFW
1	0.68	80.6	80.6	0.64	22.8	6	0.001	1.17	-0.65	
2	0.16	19.4	100.0	0.38	5.2	2	0.076	0.05	0.98	

(b.)	Structure Matrix		
	Pathogen	Function	
		1	2
IIV-6		0.83*	0.55
<i>Nosema</i> group 1		0.68*	0.60
<i>Nosema</i> group 2		0.60*	0.34
BQCV		0.59*	0.53
ABPV		0.51*	0.09
IAPV		-0.13*	-0.02
DWV		-0.04	0.99*
SV		0.15	0.60*
KBV		0.40	0.49*

*indicates largest absolute correlation between each variable and any discriminant function

Table 3. Correlations among viruses and population decline of a research colony of bees in an observation hive during collapse that occurred between July and September 2007.

		ABPV	BQCV	IIV-3	IIV-6	KBV	SV	Iridescent viruses taken together	IAPV
Bee Flights 7/12 – 9/1	<i>r</i>	-0.19	-0.21	-0.47	-0.50	-0.24	0.22	-0.57	0.28
	<i>P</i>	0.49	0.44	0.07	0.05	0.37	0.42	0.02	0.30
ABPV	<i>r</i>		-0.28	0.22	0.74	-0.16	0.23	0.73	-0.16
	<i>P</i>		0.29	0.42	0.001	0.55	0.38	0.002	0.55
BQCV	<i>r</i>			0.09	-0.18	-0.12	-0.22	-0.14	-0.12
	<i>P</i>			0.73	0.52	0.67	0.42	0.61	0.67
IIV-3	<i>r</i>				0.25	0.16	0.03	0.47	0.16
	<i>P</i>				0.36	0.55	0.90	0.07	0.55
IIV-6	<i>r</i>					0.19	0.13	0.97	-0.28
	<i>P</i>					0.49	0.62	0.000	0.30
KBV	<i>r</i>						-0.12	0.21	-0.07
	<i>P</i>						0.65	0.43	0.81
SV	<i>r</i>							0.13	-0.12
	<i>P</i>							0.63	0.65
Iridescent viruses	<i>r</i>								-0.21
	<i>P</i>								0.43

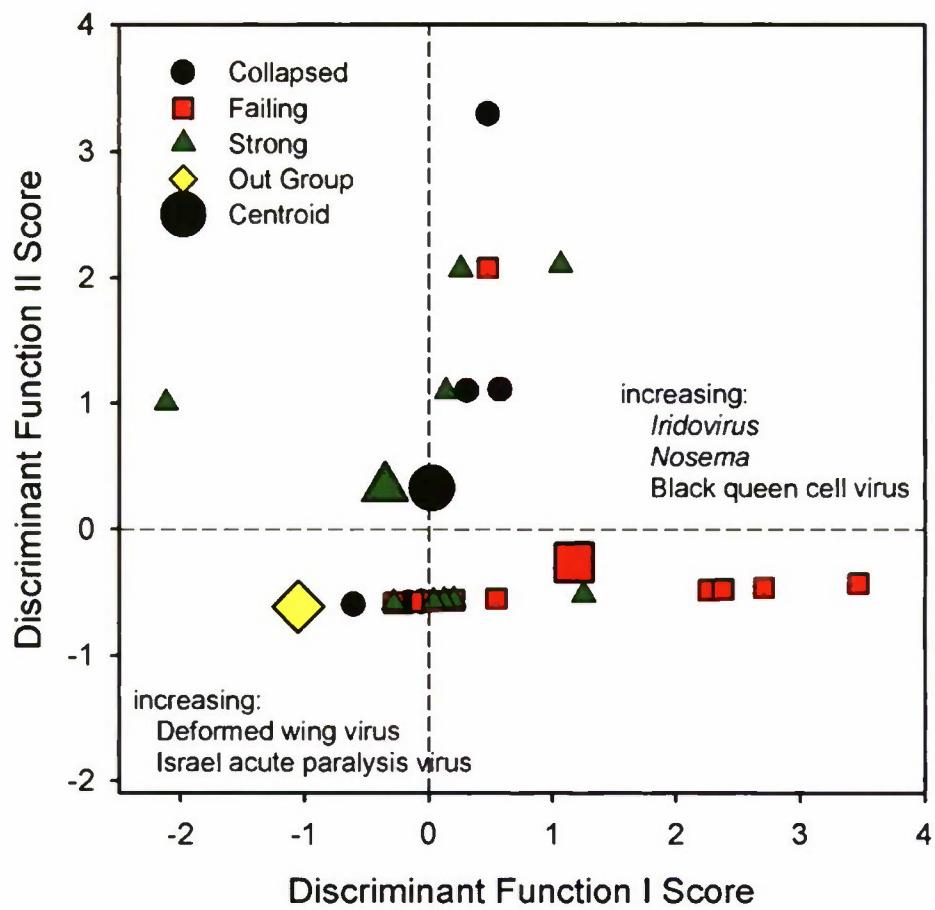


Figure 1. Discriminant Function Analysis for differences in pathogen peptide counts among strong, failing, and collapsed honeybee colonies. Function 1 explains 81% of discriminating variance and contrasts higher incidence of IIV-like virus, *Nosema*, and to a lesser extent BQCV in failing colonies with higher incidence of DWV and some IAPV in the remaining groups. Vertical and horizontal lines mark the non-CCD out-group as a reference set.

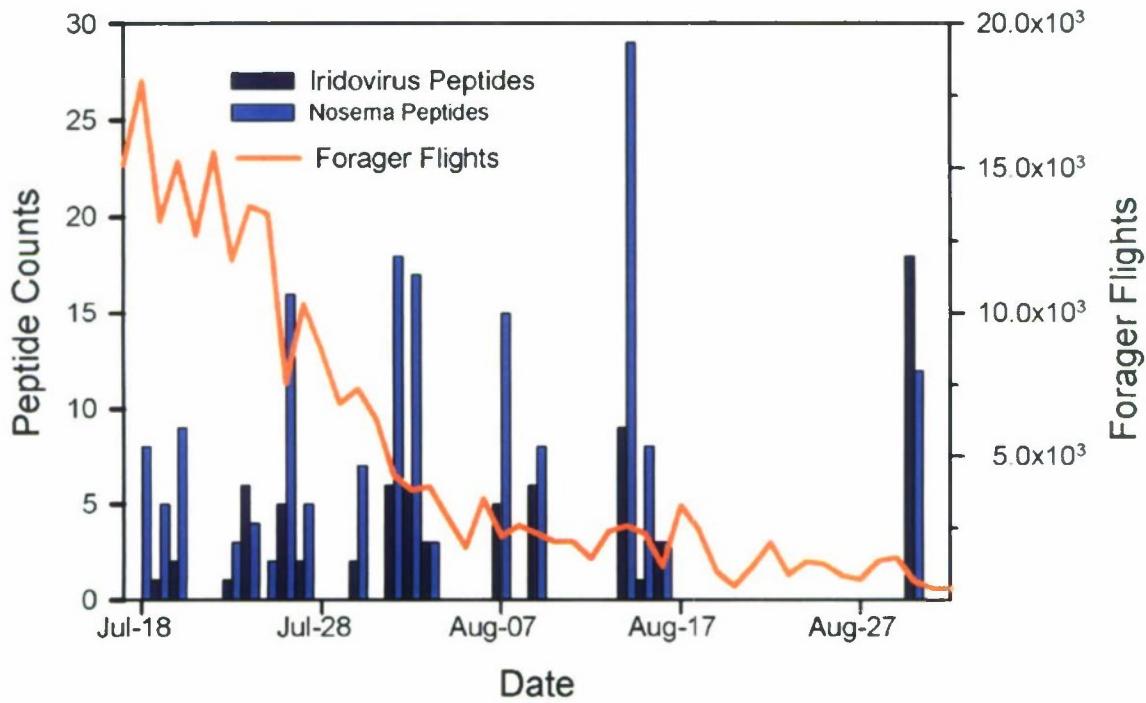


Figure 2. Decline in forager flights in conjunction with increasing counts of *Iridovirus* peptides detected in worker honeybee samples collected on successive dates in 2007. All samples were from a single observation hive at the University of Montana - Missoula. Forager flights were tabulated by an automated honeybee counter mounted at the entrance to the observation hive. Peptide counts are the summed counts for all unique *Iridovirus* peptides in each sample.

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APPENDIX A
VIRUS FASTA DATABASE

>ABPV 146265577 gb ABQ16543_1 nonstructural protein [Acute bee paralysis virus]
>ABPV 91068354 gb ABE04079_1 polyprotein [Acute bee paralysis virus]
>ABPV 10314011 ref NP_066242.1 capsid protein [acute bee paralysis virus]
>ABPV 10314010 ref NP_066241.1 replicase polyprotein [acute bee paralysis virus]
>ABPV 54306434 gb AAV33404_1 capsid protein [Acute bee paralysis virus]
>ABPV 51831798 gb AAU10100_1 nonstructural protein [Acute bee paralysis virus]
>ABPV 19068046 gb AAL05919_1 capsid polyprotein [Acute bee paralysis virus]
>ABPV 33413848 gb AAO43637_1 structural protein [Acute bee paralysis virus]
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>ABPV 4104673 gb AAD02102_1 RNA polymerase [acute paralysis virus]
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>BQCV 33413910 gb AAP58354_1 RNA-dependant RNA polymerase RdRp [Black queen cell virus]
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>SV 13241320 gb AAK16253.1 polyprotein [sacbrood virus]
>SV 13241318 gb AAK16252.1 polyprotein [sacbrood virus]
>SV 13241316 gb AAK16251.1 polyprotein [sacbrood virus]
>SV 13241314 gb AAK16250.1 polyprotein [sacbrood virus]
>SV 4416207 gb AAD20260.1 polyprotein [sacbrood virus]
>SV 8705231 gb AAF78779.1 structural protein Vp1 [sacbrood virus]
>CBPV 146265579 gb ABQ16544.1 RNA-dependent RNA polymerase [Chronic bee paralysis virus]
>CBPV 54306459 gb AAV33405.1 RNA-dependent RNA polymerase [Chronic bee paralysis virus]
>CBPV 21326023 gb AAM47572.1 AF461061_1 putative RNA dependent RNA polymerase [Chronic bee paralysis virus]
>CBPV 21326021 gb AAM47571.1 AF461060_1 putative RNA dependent RNA polymerase [Chronic bee paralysis virus]
>CBPV 21326019 gb AAM47570.1 AF461059_1 putative RNA dependent RNA polymerase [Chronic bee paralysis virus]
>CBPV 21326017 gb AAM47569.1 AF461058_1 putative RNA dependent RNA polymerase [Chronic bee paralysis virus]
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>CBPV 2130905 gb AAM46093.1 AF375659_1 putative RNA dependent RNA polymerase [Chronic bee paralysis virus]
>CWV 6646671 gb AAD01994.2 RNA polymerase [cloudy wing virus]
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>Nosema 120561170 gb ABM26980.1 RNA polymerase II largest subunit [Nosema granulosis]
>Nosema 120561168 gb ABM26979.1 RNA polymerase II largest subunit [Nosema empoascae]
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>Nosema 118573998 gb ABL06970.1 beta-tubulin [Nosema sp. BZ-2006b]
>Nosema 116874498 gb ABK30892.1 beta-tubulin [Nosema sp. BZ-2006a]
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>Nosema 110180495 gb ABG54480.1 beta-tubulin [Nosema bombycis]
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>Nosema 50261963 gb AAT72742.1 60S ribosomal protein L10a [Antonospora locustae]
>Nosema 50261961 gb AAT72741.1 deoxyuridine 5' triphosphate nucleotidehydrolase [Antonospora locustae]
>Nosema 47156903 gb AAT12296.1 chromosome segregation protein [Antonospora locustae]
>Nosema 47156902 gb AAT12295.1 phospholipase D [Antonospora locustae]
>Nosema 47156901 gb AAT12294.1 beta transducin repeat containing protein-like protein [Antonospora locustae]
>Nosema 47156900 gb AAT12293.1 DNA repair helicase RAD25 [Antonospora locustae]
>Nosema 47156899 gb AAT12292.1 hypothetical protein [Antonospora locustae]
>Nosema 42416977 gb AAS16360.1 translation elongation factor 1 alpha [Antonospora locustae]
>Nosema 598336 gb AAC41564.1 isoleucyl-tRNA synthetase
>Nosema 986926 gb AAB12038.1 beta-tubulin
>Nosema 986924 gb AAB12036.1 alpha-tubulin
>Nosema 14523961 gb ref XP_001392455.1 hypothetical protein An08g03390 [Aspergillus niger]
>Nosema 151302943 gb AAB54170.2 Hypothetical protein C44E4.2 [Caenorhabditis elegans]
>Nosema 134076966 emb CAK45375.1 unnamed protein product [Aspergillus niger]
>Nosema 29691978 gb BAC75455.1 putative spore surface protein [Microsporidium sp. TB-2M-H]

APPENDIX B

RAW DATA

Header	Description
Sr.No	Peptide number
File Name	Scan number, charge value (Z) at end of f/n
(M+H)	Parent m/z value (MH ⁺)
[^] M	(M+H) - M
[^] Cn	Error
XCorr	Fitness match; numbers >1.5 are significant
Sp	Highest peak in given spectra (m/z)
RSp	Repeat of Sp
Reference	Organism
No	# of appearances
Peptide	Sequence
AA	Amino acid length
ID#	Gene Bank ID
Protein	Corresponding protein
PP	Peptide prophet score

Test 5 - below detection limits

Test 6															
Sr No	File Name	(M+H) ⁺	ΔM	Δn	Cn	XCorr	Sp	RSp	Refernce	No	Peptide	AA	ID#	Protein	PP
50	2007-09-04-14 3617 3617 2.out	1790.9	0.355	0.62	3.08	665	0	No	No	1	SYELPDGGVIVKIGSER	16	AA868633.1	actin	0.9914
5	2007-09-04-14 724 724 2.out	858.5	1.489	0.05	3.07	404	0	IVV6		7	NP_149520.1	457L		0.9624	
18	2007-09-04-14 989 989 3.out	1202.7	0.085	0.26	2.74	569	0	693	IVV6	1	KPFTLELINK	10	NP_149688.1	225R	0.9885
77	2007-09-04-14 4303 4303 3.out	2431.3	1.587	0.48	2.7	805	0	IVV6		1	LYLAAM'ETNHVTLNLMK	22	NP_149698.1	235L	0.9505
62	2007-09-04-14 4904 4904 3.out	2110.2	0.459	0.35	2.49	405	0	IVV6		1	FILEVHLLELLKNVSLNTK	18	NP_149484.1	021R	0.9755
35	2007-09-04-14 5479 5479 3.out	1536.7	0.548	0.27	2.47	863	0	No	No	1	SM'GVVGTGSPGTM'AVR	18	AA12294.1	beta transducin repeat containing protein-like	1
40	2007-09-04-14 6265 6265 2.out	1614.9	0.932	0.38	2.47	433	0	IVV6		1	TILTIVQVNNEK	14	NP_149513.1	050L	0.9503
28	2007-09-04-14 4153 4153 2.out	1490.8	1.528	0.38	2.31	505	0	IVV6		1	INVSVEFTLDK	13	NP_149490.1	027L	0.9843
89	2007-09-04-14 3775 3775 3.out	3097.5	1.559	0.59	2.24	197	0	No	No	1	SIFDLFSEM'KDHETFANELEYAALAR	27	AA854170.2	hypothetical protein C44E4.2	0.9944
11	2007-09-04-14 5423 5423 2.out	1115.6	1.041	0.45	2.17	616	0	IVV6		1	QTAAGSGIALVK	12	NP_149622.1	159L	0.9831
21	2007-09-04-14 1256 1256 3.out	1223.6	0.185	0.33	2.15	317	0	No	No	1	EOKILHGAANR	11	AB069713.1	Sec61alpha	0.9935
24	2007-09-04-14 2568 2568 2.out	1344.7	1.525	0.32	2.15	365	0	IVV6		1	IENENENLLEEIK	11	NP_149776.1	313L	0.987
36	2007-09-04-14 2873 2873 2.out	1592.8	0.343	0.4	2.06	322	0	IVV6		1	NYPTIQQEMKLLK	13	NP_149675.1	212L	0.9952
67	2007-09-04-14 5358 5358 3.out	2198.2	1.189	0.45	2.02	324	0	No	No	1	LVGGYSVRFENVNSSENTRLK	19	AB069722.1	unknown	0.9914
87	2007-09-04-14 5438 5438 3.out	2855.4	0.341	0.49	1.99	283	0	No	No	1	INNYSDFV'M'LLD'QYGWEKTLFDK	24	AB069722.1	unknown	0.9806
55	2007-09-04-14 3349 3349 3.out	2014.1	1.358	0.33	1.97	217	0	IVV6		1	MEIILIAFFLYLNIDKRK	16	NP_149558.1	095L	0.9696
22	2007-09-04-14 3733 3733 2.out	1268.6	1.364	0.36	1.95	546	0	IVV6		1	OKMQIYVEDK	10	NP_149676.1	213R	0.9973
33	2007-09-04-14 201 201 2.out	1532.9	1.337	0.42	1.95	302	0	IVV6		1	EMILLQITLMISLK	13	NP_149653.1	190R	0.9853
1	2007-09-04-14 6416 6416 2.out	700.5	0.575	0.26	1.94	312	0	No	No	1	VXDIHK	6	ABM26977.1	RNA polymerase II largest subunit	0.9968
12	2007-09-04-14 1157 1157 2.out	1117.5	1.593	0.3	1.93	358	0	No	No	1	IENENKYYR	8	AB62548.1	glutammyl-tRNA synthetase	0.9797
15	2007-09-04-14 1114 1114 3.out	1142.7	0.564	0.43	1.93	1057	0	IVV6		1	KDIAISKVLR	10	NP_149485.1	022L	0.9844
63	2007-09-04-14 3844 3844 3.out	2112.1	1.784	0.36	1.88	169	0	693	No	1	IIOYGEESLPEKEETSKF	18	ABE26651.1	pol polyprotein	0.9608
25	2007-09-04-14 4453 4453 2.out	1457.9	0.924	0.46	1.85	264	0	No	No	1	IIAOVSISATSLR	14	AA223550.1	alpha-tubulin	0.9952
34	2007-09-04-14 3188 3188 2.out	1534.8	1.462	0.4	1.83	842	0	No	No	1	MPFGLVNGPATFQR	14	ABE26655.1	pol polyprotein	0.9746
54	2007-09-04-14 6362 6362 3.out	2008.1	1.786	0.42	1.83	129	1	1099	IVV6	1	IMNLKIFIPPNVDTIDINVK	17	NP_149557.1	134L	0.9872
39	2007-09-04-14 4588 4588 2.out	1613.1	2.147	0.4	1.82	354	0	IVV6		1	IVVIGKAGTGKSTUR	16	NP_149538.1	075L	0.9849
86	2007-09-04-14 3804 3804 3.out	2850.5	1.122	0.53	1.82	87	2	197	No	1	VNTKRNVITTHQDNELWVLDLIGR	24	ABE26654.1	pol polyprotein	0.9924
90	2007-09-04-14 5868 5868 3.out	3102.6	0.667	0.49	1.81	92	0	693	BQCV	1	ISGAANWVSENILQPADEIIGPILSFLFGESK	29	NP_620565.1	structural polyprotein	0.9975
19	2007-09-04-14 3619 3619 2.out	1205.7	1.533	0.37	1.8	390	0	IVV6		1	IVDVSQTOKTVK	11	NP_149655.1	192R	0.9797
82	2007-09-04-14 4478 4478 3.out	2661.3	1.439	0.47	1.8	141	0	IVV6		1	M'ASEYIGLRSQTYDNLIEVVK	24	NP_149758.1	295L	0.9871
2	2007-09-04-14 2077 2077 1.out	713.5	0.808	0.21	1.79	342	0	IVV6		1	LLINLK	6	NP_149877.1	414L	1
7	2007-09-04-14 4255 4255 2.out	994.4	0.49	0.39	1.79	156	1	1792	KBVVKBVK	3	IMNEALM'R	9	YP_308663.1	VP3	0.9987
73	2007-09-04-14 5278 5278 3.out	2310.1	0.828	0.4	1.78	214	0	693	No	1	ITGEVALADLGCRGM'SERHVHR	22	AA122994.1	beta transducin repeat containing protein-like	0.9981
38	2007-09-04-14 1187 1187 3.out	1607.8	1.26	0.43	1.77	167	1	1386	IVV6	1	IVLNSM'WSQPSMRR	14	NP_149790.1	327R	0.9736
13	2007-09-04-14 6012 6012 2.out	1122.5	0.867	0.53	1.76	273	0	IVV6		1	ISLMNCNPSSVK	11	NP_149555.1	092R	0.9784
44	2007-09-04-14 3880 3880 2.out	1722.9	0.507	0.41	1.74	196	1	1609	IVV6	1	IMIENLNFRNLFR	13	NP_149761.1	298R	0.9973
75	2007-09-04-14 4266 4266 3.out	2344.1	1.044	0.41	1.74	167	0	693	No	1	QREAYTSCLANLIVDMALCKT	21	ABV48892.1	hypothetical spore wall protein	0.9942
88	2007-09-04-14 5206 5206 3.out	2956.4	0.858	0.43	1.74	159	1	1386	No	1	CEILM'VSTMPQDQQLQELFKKTNK	25	AB069722.1	unknown	0.9646
4	2007-09-04-14 813 813 2.out	841.4	0.617	0.33	1.71	210	0	No	No	1	QNADHEK	7	AA23550.1	alpha-tubulin	0.9856
16	2007-09-04-14 1117 1117 3.out	1156.5	0.433	0.38	1.69	212	0	693	KBVVKBVJAPVJAPV	4	CAMPCTPYIOK	10	NP_851403.1	non-structural polyprotein	0.9971
74	2007-09-04-14 5258 5258 3.out	2340.3	1.994	0.37	1.69	163	0	IVV6		1	VEIYCVNQNTLPLPLAQLSK	21	NP_149485.1	022L	0.9679
32	2007-09-04-14 1855 1855 3.out	1526.8	0.38	0.37	1.68	149	0	693	IVV6	1	LKQLOVMMIEFM'K	14	NP_149504.1	041L	0.9686
30	2007-09-04-14 4636 4636 3.out	1515.8	0.708	0.49	1.66	564	0	IVV6		1	MFQSSWILLYK	12	NP_149535.1	072R	0.9855
71	2007-09-04-14 4166 4166 3.out	2270.1	1.362	0.52	1.66	169	0	No	No	1	NIIVCSADGAPNM'GKKGCLK	24	ABE27267.1	unknown	0.9612
6	2007-09-04-14 3235 3235 2.out	880.5	1.482	0.39	1.65	286	0	693	IVV6	1	INFYKMNK	7	NP_149902.1	439L	0.9629
61	2007-09-04-14 4939 4939 2.out	1734.1	1.524	0.44	1.65	147	0	693	IVV6	1	EDVNTLKKLGFSGTVLNGK	20	NP_149639.1	316R	0.9938
37	2007-09-04-14 2887 2887 3.out	1601.8	0.291	0.43	1.63	178	0	No	No	1	VNSADSFMINGRYK	14	ABV48897.1	hypothetical spore wall protein	0.9741
92	2007-09-04-14 6289 6289 3.out	3420.6	0.467	0.56	1.62	67	1	1609	No	1	DYEQLQFHMATVNDLQSGPQALQKSG	21	ABM26977.1	RNA polymerase II largest subunit	0.9939
78	2007-09-04-14 2982 2982 3.out	2534.4	0.97	0.4	1.61	92	0	693	No	1	NP'M'DTQVTSVDPVHKIGAIKR	24	AAC47659.1	unknown	0.9859
17	2007-09-04-14 3222 3222 2.out	1160.6	1.411	0.39	1.6	380	0	KBVVK		2	IVTENALGESK	11	NP_851403.1	non-structural polyprotein	0.9968
26	2007-09-04-14 1544 1544 2.out	1475.7	0.967	0.55	1.6	114	0	693	No	1	AAEALASENDITWR	13	ABE26655.1	pol polyprotein	0.9892
43	2007-09-04-14 2604 2604 2.out	1719.9	0.303	0.41	1.59	305	0	ABFV		1	IVTVMQINSKKNNNSNK	15	NP_066242.1	cap63 protein	0.9963
66	2007-09-04-14 540 540 4.out	2173.1	0.752	0.49	1.59	117	0	No	No	1	VKILTAHYETGHGSASN'M'K	21	ABE26653.1	pol polyprotein	0.9978
3	2007-09-04-14 2480 2480 2.out	736.5	0.021	0.38	1.57	274	0	IVV6		1	IIIHK	6	NP_149680.1	217L	0.9987
8	2007-09-04-14 2387 2387 2.out	1016.5	1.244	0.42	1.56	255	0	IVV6		1	FMKHFOSK	8	NP_149843.1	380R	0.9807
31	2007-09-04-14 1272 1272 3.out	1524.7	0.039	0.4	1.56	158	0	693	IVV6	1	FLHEKMFQDSK	12	NP_149891.1	428L	0.9865
27	2007-09-04-14 3004 3004 2.out	1485.9	0.269	0.4	1.55	339	0	No	No	1	SRRLTFLPILNR	12	AA12296.1	chromosome segregation protein	0.9833
47	2007-09-04-14 5233 5233 2.out	1773.9	1.515	0.44	1.55	68	0	No	No	1	VFFEVGEVIDGIFIR	15	AB069729.1	unknown	0.9892
53	2007-09-04-14 5287 5287 3.out	1996	1.397	0.42	1.55	200	0	693	No	1	PTLESVNNSELEYLITR	17	AB069722.1	unknown	0.9853
81	2007-09-04-14 5778 5778 3.out	2653.4	1.582	0.39	1.54	106	0	IVV6		1	LIADPQFRQALLNTAGSSIM'YLSK	25	NP_149618.1	155L	0.9778
41	2007-09-04-14 5224 5224 3.out	1617.8	0.271	0.54	1.53	97	2	1639	KBV	1	SIFNGPM'DFSIAFR	15	AAU10093.1	nonstructural protein	0.9611
58	2007-09-04-14 5179 5179 3.out	2070.1	0.828	0.48	1.53	94	0	693	No	1	ITLVKWIYKCMNTSR	17	ABV48890.1	hypothetical spore wall protein	0.9906
93	2007-09-04-14 4800 4800 3.out	2676.6	0.19	0.41	1.53	145	0	IVV6		1	IVLIGAVGTGAVLFLLL'M'FKSK	26	NP_149800.1	337L	0.9797
29	2007-09-04-14 3671 3671 2.out	1513	1.126	0.46	1.52	119	0	IVV6		1	LILIASLVLFLFGK	14	NP_149676.1	213R	0.9812
42	2007-09-04-14 2812 2812 3.out	1638.8	1.015	0											

Test 7

Sr No	File Name	(M+H) ⁺	HM	Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
31	2007-09-04-15 3105 3 out.	1515.7	0.939	0.68	3.65	1233	0	No	1	WMMHTFYNELR	11	AAB86863.1	actin	0.9918
54	2007-09-04-15 4048 2 out.	1790.9	0.287	0.58	3.11	715	0	No	1	SYELPDPGOKIGSER	16	AAB86863.1	actin	0.995
17	2007-09-04-15 1119 1119 2 out.	1171.6	0.386	0.71	2.75	765	0	No	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9845
75	2007-09-04-15 6863 6863 3 out.	2232.1	1.961	0.58	2.6	380	0	No	1	DDDFNRKDLKASIDPDK	19	AAT72743.1	translation elongation factor 2	0.9599
41	2007-09-04-15 6232 6233 2 out.	1614.9	0.481	0.31	2.51	696	0	Inv6	1	TTTCKVQNNIEK	14	NP_149513.1	050L	0.9575
73	2007-09-04-15 2704 2705 3 out.	2190.1	0.678	0.34	2.27	334	0.693	No	1	TVGATGGFGIHLANDFGSER	21	ABM26977.1	RNA polymerase II largest subunit	0.9944
22	2007-09-04-15 2782 2782 2 out.	1344.7	1.444	0.31	2.25	330	0.693	Inv6	1	IEENNENLLEK	11	NP_149776.1	313L	0.9731
33	2007-09-04-15 1534 1534 2 out.	1521.9	0.158	0.39	2.15	173	0	Inv6	1	MNKGNGFVKVLMK	13	NP_149866.1	403L	1
52	2007-09-04-15 4081 4081 3 out.	1750.9	1.492	0.39	2.12	812	0	Inv6	1	DEIDTFKTAILEDLK	15	NP_149585.1	122R	0.9825
56	2007-09-04-15 3569 3569 3 out.	1826.0	0.565	0.39	2.12	483	0	DWV	1	PEMDRILNLAEGLLNK	16	ABD36638.1	polyprotein	0.9535
14	2007-09-04-15 917 917 3 out.	1142.7	0.538	0.37	2.08	1273	0	Inv6	1	KDIAISKVL	10	NP_149485.1	022L	0.9858
65	2007-09-04-15 7140 7140 3 out.	2028.1	1.015	0.31	2.07	158	0	Inv6	1	LSFIHNDLHF DNVLICK	17	NP_149561.1	098R	0.986
70	2007-09-04-15 6889 6889 3 out.	2108.9	1.581	0.37	2.05	152	1.946	No	1	TKTCEGEMVEE GHTCGCK	20	ABM26979.1	RNA polymerase II largest subunit	0.9646
66	2007-09-04-15 5857 5857 3 out.	2029.0	0.757	0.43	2.03	558	0	No	1	FNVVKYKGEDNIAQGCSR	18	ABE26653.1	pol polyprotein	0.9707
68	2007-09-04-15 4753 4753 3 out.	2095.1	1.632	0.37	2.03	162	0	No	1	KDFTLGVLR ENSPWC SR	18	ABE26653.1	pol polyprotein	0.9846
6	2007-09-04-15 2014 2014 2 out.	961.4	0.498	0.33	2.01	249	0.693	SV/SV	2	EASPNSDGGK	10	NP_049374.1	polyprotein	0.9961
78	2007-09-04-15 5765 5765 3 out.	2265.2	0.793	0.57	2.01	86	0	SV/SV/SV	3	TSVSTLCHMLGKVVT PERAMK	21	NP_049374.1	polyprotein	0.951
23	2007-09-04-15 5874 5874 2 out.	1377.7	1.459	0.34	2	111	0.693	Inv6	1	INENNSVGRQTMK	12	NP_149530.1	067R	0.9937
44	2007-09-04-15 4121 4121 2 out.	1699.9	0.274	0.33	2	158	0	DWV	1	AGFPLSSLKPPGTSGKR	17	ABC95.16.1	polyprotein	0.9953
94	2007-09-04-15 6496 6496 3 out.	2902.2	1.056	0.46	1.99	116	1.386	Inv6	1	ITNFSDQCVM'VEYFCDDENNEDEK	25	NP_149886.1	423L	0.9912
34	2007-09-04-15 1785 1785 3 out.	1549.8	0.203	0.39	1.96	194	1.099	Inv6	1	INFNNGPEPKELYK	13	NP_149900.1	437L	0.9595
9	2007-09-04-15 2689 2689 2 out.	1049.5	1.401	0.32	1.93	396	0	Inv6	1	VM'EELKER	9	NP_149750.1	287R	0.9823
53	2007-09-04-15 4271 4271 3 out.	1752.1	1.233	0.38	1.92	171	2.303	KBVKVKBVKVKBVKVKBVKV	6	TAANGIER PVLGEIAK	17	ABN49472.1	VP4 protein	0.9645
83	2007-09-04-15 4092 4092 3 out.	2415.2	1.19	0.44	1.92	133	1.946	No	1	SNWQSGYEVTDILPDGF M'VK	22	ABE26653.1	pol polyprotein	0.9534
20	2007-09-04-15 1528 1528 3 out.	1236.6	1.687	0.4	1.91	189	0.693	BQCV	1	EGNTVMSLSELSK	12	NP_620564.1	nonstructural polyprotein	0.9701
30	2007-09-04-15 344 344 344 2 out.	1495.8	1.807	0.38	1.91	389	0.693	Inv6	1	TKSVSLVYEDLNK	13	NP_149848.1	385L	0.9583
42	2007-09-04-15 2037 2037 3 out.	1640.8	0.903	0.37	1.91	112	1.386	AVPIVAPV	2	2YLBDQNSQKYVR	13	YP_001040003.1	structural polyprotein	0.9767
77	2007-09-04-15 6211 6211 3 out.	2256.1	0.435	0.41	1.89	135	0.693	MSCUT	1	OTLMSAATPDEVVHLLARR	19	ABO96192.1	spaa	0.9536
75	2007-09-04-15 5201 5201 3 out.	2300.1	0.688	0.37	1.89	218	1.609	Inv6	1	WIMMNSDDFKOSILM'LNK	20	NP_149611.1	148R	0.9548
27	2007-09-04-15 3922 3922 2 out.	1437.7	0.878	0.42	1.85	262	0	Inv6	1	MTINQMASIMGK	13	NP_149891.1	428L	0.9980
21	2007-09-04-15 6336 6336 2 out.	1326.7	0.865	0.34	1.83	262	0.693	Inv6	1	MLNFSFSPTELK	11	NP_149642.1	179R	0.9699
67	2007-09-04-15 5737 5737 3 out.	2035.2	0.272	0.38	1.81	279	0.693	No	1	LEYVASYAELTSPPFFGLK	18	ABE26653.1	pol polyprotein	0.9751
88	2007-09-04-15 6029 6029 3 out.	2596.4	1.974	0.43	1.8	168	0	DWV/DWV/DWV/DWV/DWV/Kakugg	8	VPCCGIPSPGSPIDLNTSCLIR	25	ABM64819.1	polyprotein	1
100	2007-09-04-15 4174 4174 3 out.	3075.7	1.285	0.51	1.8	188	0	No	1	5IFDLFSEM'KOHETANELEYAAAR	27	AAB54170.2	Hypothetical protein C44E4.2	0.955
15	2007-09-04-15 6309 6309 2 out.	1153.7	0.46	0.35	1.77	191	0	Inv6	1	LDPQLTLK	10	NP_149620.1	157L	0.9897
90	2007-09-04-15 4221 4221 3 out.	2634.5	1.789	0.4	1.77	113	1.609	Inv6	1	IDTPKLEYM'WSLFPNIIAK	23	NP_149672.1	209R	0.9943
92	2007-09-04-15 4501 4501 3 out.	2076.4	0.484	0.44	1.77	95	0	No	1	ISGEETCTSM'EPRLWKVGSLSVR	25	AAB54170.2	Hypothetical protein C44E4.2	0.9548
24	2007-09-04-15 6721 6721 2 out.	1405.8	1.152	0.37	1.76	199	0	Inv6	1	KDQKNSFMPVVK	12	NP_149647.1	184R	0.9899
1	2007-09-04-15 2895 2895 2 out.	700.5	0.44	0.3	1.75	356	0	No	1	YDQIK	6	ABM26977.1	RNA polymerase II largest subunit	0.9568
10	2007-09-04-15 6297 6297 2 out.	1076.6	1.346	0.36	1.74	355	0	Inv6	1	GAVKSIQMDK	10	NP_149672.1	209R	0.9595
87	2007-09-04-15 2963 2963 3 out.	2541.2	1.107	0.37	1.74	176	0	No	1	INKFHLSFSSGCDLQKEVCLR	22	ABV48890.1	hypothetical spore wall protein	0.9717
48	2007-09-04-15 3379 3379 3 out.	1717.1	1.633	0.47	1.73	210	1.386	Inv6	1	PHPPPTKILSLK	15	NP_149895.1	432R	0.9645
43	2007-09-04-15 4353 4353 2 out.	1722.9	0.251	0.44	1.73	226	0	Inv6	1	MEMLNRLNRLNR	13	NP_149761.1	298R	0.9847
46	2007-09-04-15 839 839 3 out.	1715.9	0.298	0.53	1.72	134	0.693	Inv6	1	VENLYLGNQINGR	15	NP_149886.1	123R	0.9714
84	2007-09-04-15 4692 4692 3 out.	2515.2	1.711	0.38	1.71	108	1.386	No	1	IEFEMALPIDSAYTARM'LRAASR	23	AAT1229.1	phospholipase D	0.9719
28	2007-09-04-15 6109 6109 2 out.	1453.8	1.033	0.39	1.71	236	0	Inv6	1	LDIAVEDRAPKVK	13	NP_149851.1	388R	0.9939
12	2007-09-04-15 4018 4018 2 out.	1102.7	0.298	0.5	1.69	627	0	No	1	PLKSIILYR	9	ABO67924.1	unknown	0.9934
32	2007-09-04-15 2715 2715 2 out.	1519.8	1.77	0.39	1.69	376	0	No	1	AMEDATVLDGSVR	14	ABM26981.1	RNA polymerase II largest subunit	0.9727
61	2007-09-04-15 6811 6811 2 out.	1947.6	1.518	0.51	1.69	106	0	No	1	FNEOCGRCMETVLMMSK	17	ABV48900.1	hypothetical spore wall protein	0.9594
35	2007-09-04-15 7574 7574 3 out.	1559.8	1.454	0.38	1.67	412	0	Inv6	1	MTDETQQLYKFK	13	NP_149668.1	205R	0.9588
5	2007-09-04-15 3489 3489 2 out.	880.5	1.47	0.44	1.65	285	0	Inv6	1	INFVKMNK	7	NP_149902.1	439L	0.9531
26	2007-09-04-15 7500 7500 3 out.	1407.7	0.803	0.41	1.64	225	1.099	ABPV	1	INTPM'AQDTSSAR	14	NP_062424.1	capsid protein	0.9576
11	2007-09-04-15 1999 1999 2 out.	1078.6	0.401	0.34	1.63	236	0	No	1	REQNTK	8	AAL28057.1	AF406785.6 calmodulin-dependent protein	0.9975
93	2007-09-04-15 6079 6079 3 out.	2865.4	0.243	0.51	1.63	92	0.693	No	1	INNYSDFV'M'LLDYGWKE T LFK	24	ABO6722.1	unknown	0.9664
98	2007-09-04-15 4199 4199 3 out.	3019.5	0.255	0.46	1.63	120	0.693	Inv6	1	FDSSNISPCTEFMHNLGRYIDIIHKK	26	NP_149475.1	012L	0.9899
40	2007-09-04-15 5298 5298 2 out.	1613.1	1.15	0.4	1.6	279	0	Inv6	1	IVVIGKAGTGSTLIR	16	NP_149538.1	075L	0.9884
45	2007-09-04-15 4071 4071 2 out.	1712.9	0.545	0.46	1.6	82	1.946	Inv6	1	IQALLNTAGSSM'YLSK	17	NP_149518.1	155L	0.9706
16	2007-09-04-15 875 875 3 out.	1165.6	1.476	0.35	1.58	243	0	No	1	KENNEYQIK	9	ABV48894.1	hypothetical spore wall protein	0.9719
43	2007-09-04-15 4245 4245 3 out.	1671.1	1.246	0.41	1.58	316	0.693	No	1	1RSVLNTGK'QVVDNPK	15	ABE26650.1	polyprotein	0.9928
2	2007-09-04-15 1823 1823 2 out.	736.5	0.34	0.36	1.57	198	0	Inv6	1	IIIIHK	6	NP_149680.1	217L	0.9539
8	2007-09-04-15 2284 2284 2 out.	1016.5	1.231	0.46	1.57	251	0	Inv6	1	1FMKNFDSK	8	NP_149843.1	380R	0.991
62	2007-09-04-15 4825 4825 2 out.	1966.1	1.494	0.41	1.57	146	0	Inv6	1	1SQFLKLV'SVDMHEGTR	17	NP_149687.1	224L	0.9563
3	2007-09-04-15 2531 2531 2 out.	805.4	0.259	0.37	1.56	200	0	Inv6	1	1IVDDTVR	7	NP_149572.1	209R	0.9977
29	2007-09-04-15 3382 3382 2 out.	1485.9	0.131	0.52	1.56	505	0	No	1	1SRLLTIPPLNR	12	AAT1229.1	chromosome segregation protein	0.9737
19	2007-09-04-15 1930 1932 2 out.	1199.7	1.98	0.45	1.55	558	0	Inv6	1	1KVNIQNQDK	10	NP_149574.1	211L	0.9979
97	2007-09-04-15 4985 4985 3 out.	2987.5	0.537	0.54	1.55	24	3.219	Inv6	1	1SISCVIPNMTWSSLNLNFNONISYR	25	NP_149742.1	279R	

Test 11

Sr.No	File Name	(M+H) ⁺	Mr	Cn	YCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
17	2007-09-14-02 4499 4499 2.out	1457 9	0.5	0.54	3 13	1244	0	Nosemal Nosemal Nosemal Nosemal	5	IAQVVSITASLR	14	AAZ23550 1	alpha-tubulin	0 9878	
3	2007-09-14-02 3669 3669 2.out	1143 6	1.657	0.72	3	846	0	Nosemal Nosemal	2	LAVNMPFPR	10	AAN35161 1	beta-tubulin	0 9854	
40	2007-09-14-02 3744 3744 2.out	1790 9	0.37	0.66	2 89	546	0	Nosemal	1	SYELPDGVVKGSER	16	AAB86863 1	actin	0 9681	
19	2007-09-14-02 4835 4835 2.out	1614 9	1.273	0.51	2 67	579	0	[IV6]	1	TLITLKVQVNINIEK	14	NP_149513 1	050L	0 9603	
22	2007-09-14-02 3717 3717 3.out	1670 8	0.292	0.34	2 66	555	0	[IV6]	1	EM'LDLRLMMEDMK	14	NP_149463 1	468L	0 9593	
7	2007-09-14-02 1574 1574 2.out	1171 6	0.581	0.63	2 42	717	0	Nosemal	1	HKGVGMGMGQK	11	AAB86863 1	actin	0 9861	
2	2007-09-14-02 3148 3148 2.out	1138 6	0.041	0.35	2 41	771	0	Nosemal Nosemal Nosemal Nosemal	14	FPGQLNADLR	10	AAZ23552 1	beta-tubulin	0 974	
14	2007-09-14-02 3837 3837 2.out	1268 6	1.782	0.37	2 32	616	0	693	1	1DKM0IYVEDA	10	NP_149676 1	213R	0 9793	
118	2007-09-14-02 5885 5885 3.out	3092 5	0.582	0.57	2 21	263	0	[VDV1]VDV1	2	DNEFLMEQLNNLYTISIAERCTR	25	YP_145791 1	polyprotein	0 9644	
15	2007-09-14-02 3690 3690 2.out	1401 8	0.762	0.42	2 17	434	0	[IV6]	1	ELNLLTUNTEK	12	NP_149803 1	340R	0 9764	
26	2007-09-14-02 1127 1127 3.out	1679 9	0.792	0.3	2 11	392	0	[IV6]	1	SLHVLTPEAQAMIR	15	NP_149625 1	162R	0 9571	
94	2007-09-14-02 4439 4439 3.out	2433 2	1.418	0.31	2 06	356	0	[IV6]	1	1KTGSIIITRLLVEMGYSGEYK	21	NP_149883 1	420R	0 9779	
9	2007-09-14-02 4259 4259 2.out	1215 6	0.782	0.47	2 04	83	1	[386]IV6	1	1DLDLNDKLN	10	NP_149879 1	416R	0 986	
93	2007-09-14-02 2496 4966 3.out	2389 1	1.62	0.29	2 02	355	0	[IV6]	1	GADOKNNIYE'M'FEQLGDSVNVK	22	NP_149605 1	142R	0 9662	
4	2007-09-14-02 3393 3393 2.out	1159 6	1.727	0.48	2	671	0	Nosemal Nosemal	2	LAVNMPFPR	11	AAN35161 1	beta-tubulin	1	
68	2007-09-14-02 6934 6934 3.out	2057	0.576	0.3	2	190	0	Nosemal	1	IEVSVDHGTVAALCSK	20	AAT2743 1	translation elongation factor 2	0 9651	
92	2007-09-14-02 4046 4046 3.out	2382 3	1.76	0.31	1 99	253	0	[IV6]	1	1M'EIPLNKINADQDVLIK	21	NP_149714 1	251L	1	
78	2007-09-14-02 4192 4192 3.out	2136	1.052	0.54	1 97	415	0	Nosemal	1	PSSEENMGQPITSQIRFK	19	ABE26653 1	pol polyprotein	0 9846	
1	2007-09-14-02 2921 2921 1.out	700 5	1.007	0.19	1 96	420	0	Nosemal	1	VDXIIK	6	ABM26977 1	RNA polymerase II largest subunit	1	
5	2007-09-14-02 1991 1991 2.out	1164 6	1.387	0.39	1 94	210	0	Nosemal	1	1LKDNCNDLKD	10	ABE26641 1	pol polyprotein	0 9548	
6	2007-09-14-02 3299 3299 2.out	1166 6	1.05	0.5	1 93	252	0	[IV6]	1	1UNISM'KESTK	11	NP_149681 1	218R	0 9576	
11	2007-09-14-02 3659 3659 2.out	1229 6	1.918	0.46	1 92	230	1	0993	Nosemal Nosemal	2	1SDQFSVMMR	10	AAN35161 1	beta-tubulin	1
21	2007-09-14-02 3719 3719 3.out	1668	0.44	0.3	1 92	586	0	Nosemal	1	1IKV1QEVIQDILEK	14	ABE22769 1	unknown	0 9598	
31	2007-09-14-02 5505 5505 3.out	1717	1.428	0.3	1 91	286	0	[IV6]	1	1TFLKTKDVSFK	14	NP_149716 1	253L	0 962	
91	2007-09-14-02 4311 4311 3.out	2337 1	0.189	0.41	1 91	258	0	[IV6]	1	1NKSPLLNESEKMMSEMLPMK	20	NP_149523 1	060L	0 9658	
44	2007-09-14-02 3382 3382 3.out	1827 9	1.201	0.29	1 9	341	0	[IV6]	1	1ENKNLFIPOTDPPLSK	16	NP_149750 1	287R	0 9675	
62	2007-09-14-02 5254 5254 3.out	1990 2	0.902	0.57	1	146	1792	Nosemal	1	1IEGVGKVTLGRTVNIHK	19	ABE26648 1	pol polyprotein	0 9987	
61	2007-09-14-02 6243 6243 3.out	1989	1.616	0.44	1 89	245	0	[IV6]	1	1SSNDIYSLQHRSRNK	17	NP_149691 1	228L	0 9986	
103	2007-09-14-02 6212 6212 3.out	2657 2	0.912	0.5	1 89	199	0	Nosemal	1	1FSDHOSNLFGYSTADIVINDR	24	ABO65724 1	unknown	0 9749	
27	2007-09-14-02 850 850 3.out	1685 9	0.897	0.29	1 87	216	0	[IV6]	1	1TLTYYGGTSLLEEFFR	15	NP_149813 1	350L	0 9551	
71	2007-09-14-02 5441 5441 3.out	2070	1	0.325	0.33	1 87	155	1 099	Nosemal	1	1TLVLKWIYKCMNTTSR	17	ABV48890 1	hypothetical spore wall protein	0 9954
106	2007-09-14-02 5127 5127 3.out	2754 8	0.4	0.55	1 86	315	0	693	[IV6]	1	1VTLILLIAVLLIILM'KVCKQK	25	NP_14979 1	216R	0 9776
73	2007-09-14-02 4856 4856 3.out	2075 9	1.16	0.34	1 83	943	0	Nosemal	1	1FNEQCGREM'EVLMMSMK	18	ABV14091 1	hypothetical spore wall protein	0 9542	
125	2007-09-14-02 6207 6207 3.out	3427 5	1.331	0.4	1 83	208	0	ABPV ABPV	2	1ENDDTQTIVTEVLDPAPCEYVCNMFSWYR	29	AAL05919 1	capsid polyprotein	0 9943	
97	2007-09-14-02 6162 6162 3.out	2618	0.648	0.34	1 82	291	0	MSCUT	1	1DGDDNNDYEDNDYQDQ'RNDRR	21	ABQ96192 1	vasa	0 9885	
79	2007-09-14-02 5705 5705 3.out	2154	0.419	0.4	1 81	268	0	693	[IV6]	1	1FDHYLDPWFAATTPTASK	18	NP_149737 1	274L	0 9986
10	2007-09-14-02 4150 4150 2.out	1222 6	0.647	0.47	1	82	322	0	[IV6]	1	1NKKDLKFDTH	10	NP_149612 1	149L	0 9692
42	2007-09-14-02 3831 3831 3.out	1800	1.054	0.44	1 8	180	0	693	[IV6]	1	1TSSKMFLLGLLNSNK	16	NP_14970 1	407R	0 986
70	2007-09-14-02 1624 1624 3.out	2068 1	1.794	0.54	1 79	126	0	KBV	1	1VSGITVYVSDQWSKTVRK	18	AAF21988 1	RNA polymerase	0 9665	
33	2007-09-14-02 1428 1428 3.out	1745 8	1.517	0.46	1 78	351	0	[IV6]	1	1NSFHSTKFNQNM'M'K	16	NP_149543 1	080L	0 9921	
16	2007-09-14-02 1300 1300 2.out	1408 9	0.794	0.45	1 77	144	0	Nosemal	1	1V'M'LGIVSKK	13	ABM26979 1	RNA polymerase II largest subunit	0 9702	
72	2007-09-14-02 5510 5510 3.out	2075 1	0.704	0.4	1 77	274	0	693	Nosemal	1	1SVGVHHGRQQVPAEEVLK	19	AAB26548 1	glutamyl-tRNA synthetase	0 9963
37	2007-09-14-02 1752 1752 3.out	1774 9	1.964	0.51	1 73	158	0	[IV6]	1	1QKNIIEPQVNR	15	NP_149714 1	251L	0 9699	
104	2007-09-14-02 6038 6038 3.out	2697 5	1.181	0.42	1 73	169	0	[IV6]	1	1EKFISIGVSVYNNMSSLHFVILK	24	NP_149927 1	464R	0 991	
110	2007-09-14-02 6270 6270 3.out	2796 3	0.486	0.34	1 73	151	1 099	Nosemal	1	1GRALM'WYRAHEEEFTSYMVFK	23	ABE26648 1	pol polyprotein	0 9837	
90	2007-09-14-02 2392 2392 3.out	2336 2	0.494	0.47	1 72	245	0	Nosemal	1	1MYWAKKILEWVSPPEALR	19	AAU11091 1	class-II photolase	0 9695	
24	2007-09-14-02 3315 3315 3.out	1675 8	0.406	0.37	1	77	196	Nosemal	1	1TAFAWKGGLYEYRN	14	ABE26653 1	pol polyprotein	0 9841	
87	2007-09-14-02 5819 5819 3.out	2303 2	1.707	0.39	1 77	250	0	SV	1	1VMMATTFGHLARVVEPPR	20	AAL79021 1	AF469603 1 polyp	0 993	
112	2007-09-14-02 6218 6218 3.out	2843 5	0.956	0.54	1	77	193	0	APV APV	2	1TWFLLLKYIDYAPTSNSRGMPR	24	YP_001040002 1	polymerase polyprotein	0 998
35	2007-09-14-02 5327 5327 3.out	1754	0.458	0.34	1 69	287	0	[IV6]	1	1NEIKKUFLHHEFILK	14	NP_149837 1	374R	0 9798	
19	2007-09-14-02 6152 6152 3.out	3127 6	0.119	0.33	1 69	318	0	693	Nosemal	2	1HVPFLPTRLVVPDWTTGILDM'GTLNR	28	YP_145791 1	polyp	0 9667
29	2007-09-14-02 6550 6550 3.out	1712 9	0.928	0.32	1 67	327	0	[IV6]	1	1QALLNTAGSSIM'YLSK	17	NP_149618 1	155L	0 9825	
52	2007-09-14-02 6336 6336 3.out	1905	0.012	0.6	1 67	58	2	197	Nosemal	1	1GLCYIILPPESIFDFK	16	ABO69713 1	Sec61alpha	0 9573
74	2007-09-14-02 5661 5661 3.out	2076 8	0.917	0.35	1 67	224	1	386	IV6	1	1TSLEYDEFM'EM'FM'VEK	19	NP_149612 1	149L	0 9929
45	2007-09-14-02 6898 6898 3.out	1833 9	0.544	0.36	1 66	139	0	693	[IV6]	1	1RSEYYVSLFGKENKK	15	NP_149572 1	064L	0 9687
63	2007-09-14-02 2098 2098 3.out	2002	1.958	0.35	1 66	195	0	693	[IV6]	1	1ENAWM'EESM'KFTLIK	18	NP_149578 1	115R	0 9974
76	2007-09-14-02 6104 6104 2.out	2085 1	0.413	0.49	1 66	105	1	386	[IV6]	1	1NGFLDVLDDKLHEE SILK	18	NP_149859 1	396L	0 9813
56	2007-09-14-02 5973 5973 3.out	1948 9	1.071	0.47	1 65	157	0	693	Nosemal	1	1TECEDEAGCGNQKPVKK	18	ABM26980 1	RNA polymerase II largest subunit	0 9785
8	2007-09-14-02 890 890 2.out	1198 7	0.414	0.46	1 64	183	0	[IV6]	1	1KINJYHIG	10	NP_149921 1	458R	0 9882	
34	2007-09-14-02 5094 5094 3.out	1752	1.644	0.46	1 62	129	1	386	KBV KBV KBV KBV KBV	6	TAANGIERIPVLEIAK	17	ABN49472 1	VP4 protein	0 9785
113	2007-09-14-02 6180 6180 3.out	2856 3	1.192	0.42	1 62	224	1	0993	Nosemal Nosemal Nosemal	9	QGPYGEFLRDPDFVFGSGAGNNWAK	26	AABZ3552 1	beta-tubulin	0 9845
13	2007-09-14-02 3153 3153 2.out	1264 7	1.496	0.51	1 61	309	0	[IV6]	1	1INGLUDISEYK	11	NP_149758 1	295L	1	
69	2007-09-14-02 3642 3642 3.out	2064 1	0.191	0.36	1 61	110	1	609	[IV6]	1	1LEELKLYELEYSLYFK	16	NP_149851 1	386R	0 972
18	2007-09-14-02 3203 3203 2.out	1485 9	0.272	0.47	1	64	299	0	Nosemal	1	1SRRLTFLPILN	12	AAT12296 1	chromosome segregation protein	0 9847
23	2007-09-14-02 6675 6675 3.out	1672 8	0.493	0.42	1	61	222	0	[IV6]	1					

Test 12

Sr No	File Name	(M+H) ⁺	M	¹³ C _n	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
59	2007-09-14-04 3642 3642 2.out	1790.9	0.4631	0.56	3.13	570	0	Nosema	1	SYELPDGQVKIGSER	16	AAB86863.1	actin	0.9872
37	2007-09-14-04 4405 4405 2.out	1457.9	0.27	0.49	2.98	784	0.693	Nosema Nosema N	5	IAQVVSSITASLR	14	AAZ23550.1	alpha-tubulin	0.9879
69	2007-09-14-04 3318 3318 3.out	1962.1	1.624	0.54	2.71	186	0.693	Nosema	1	EEQASNLTDKTGGLERR	17	ABE26650.1	pol polyprotein	0.9865
16	2007-09-14-04 716 716 2.out	1171.6	0.386	0.62	2.43	365	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9772
78	2007-09-14-04 6354 6354 3.out	2079.1	1.656	0.42	2.35	339	1.099	lIV6	1	NWGDKGYFKIAMYPFNK	17	NP_149687.1	224L	0.9988
46	2007-09-14-04 3617 3617 2.out	1614.9	0.2111	0.28	2.26	590	0	lIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9588
95	2007-09-14-04 3952 3952 3.out	2873.4	1.493	0.41	2.25	208	1.099	lIV6	1	DDVNPIIFDLVDNNKTLQKHYSER	24	NP_149624.1	161L	0.9994
77	2007-09-14-04 3919 3919 3.out	2074.2	1.291	0.38	2.23	217	1.946	KBV	1	HFVNTGVTIIPHRDLNK	18	AAZ14864.1	non-structural polyprotein	0.9839
61	2007-09-14-04 4270 4270 2.out	1801.8	1.641	0.5	2.2	237	0	Nosema	1	ADGM*KIEEFNKQTM*K	17	ABV48897.1	hypothetical spore wall protein	0.9809
41	2007-09-14-04 5353 5353 2.out	1492.9	0.635	0.4	2.14	292	1.099	Nosema	1	VLDNRHLGSIKLK	13	BAF76326.1	heat shock protein 70	0.9792
63	2007-09-14-04 3504 3505 2.out	1812.1	1.503	0.25	2.14	355	0	Nosema	1	YEIIKKENNEYQIK	14	ABV48894.1	hypothetical spore wall protein	0.9597
13	2007-09-14-04 788 788 2.out	1144.6	1.606	0.25	2.13	236	0.693	lIV6	1	EQALDINTNK	10	NP_149664.1	201R	0.956
53	2007-09-14-04 5358 5358 3.out	1704.9	0.281	0.45	2.1	491	0	Nosema	1	WLGPFTITKTROEK	14	ABE26650.1	pol polyprotein	0.984
15	2007-09-14-04 2514 2514 2.out	1163.6	0.578	0.42	2.08	410	0	lIV6	1	ETVGVLFKDR	10	NP_149770.1	307L	0.9748
44	2007-09-14-04 2689 2689 1.out	1548.9	0.439	0.35	2.03	173	0	lIV6	1	GSISLNLAFKNVSK	15	NP_149807.1	344R	0.9876
68	2007-09-14-04 3929 3929 3.out	1957.9	0.302	0.47	2.02	203	0	DWWJDWVJDWVJD	5	M*EFTDQDKSGNTVKW	17	ABM64819.1	polyprotein	0.9542
56	2007-09-14-04 2889 2889 3.out	1755.8	0.554	0.47	2.01	1039	0	VDV1 VDV1	2	RSSLECOYIEPSTSR	15	YP_145791.1	polyprotein	0.9876
26	2007-09-14-04 4728 4728 2.out	1302.8	0.663	0.25	2.29	290	0	lIV6	1	MULNCLQVKV	11	NP_149723.1	260R	0.9668
76	2007-09-14-04 4104 4104 2.out	2066.0	0.828	0.4	2.286	0	0	Nosema	1	EAALKVPM*GFTTASAYHQK	20	AAK68858.1	DNA repair protein	0.9884
30	2007-09-14-04 2176 2176 2.out	1345.7	1.835	0.32	1.99	206	1.099	Nosema	1	NCVNGIVLASDK	13	AAC41564.1	isoleucyl-tRNA synthetase	0.9944
43	2007-09-14-04 3844 3844 3.out	1524.9	0.737	0.3	1.96	927	0	lIV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.9711
23	2007-09-14-04 2713 2713 2.out	1240.7	1.615	0.33	1.95	256	1.099	lIV6	1	GRIGGVTLPGR	13	NP_149676.1	213R	0.9942
40	2007-09-14-04 5939 5939 2.out	1492.8	0.655	0.3	1.95	226	0	lIV6	1	MDLKDEFIQI	12	NP_149852.1	389L	0.9926
72	2007-09-14-04 3552 3552 3.out	2008.1	1.366	0.46	1.95	445	0	ABPV	1	INSDGELDKSIVENIM*K	19	NP_066241.1	replicase polyprotein	0.9766
25	2007-09-14-04 3741 3741 2.out	1268.6	0.656	0.4	1.93	648	0	lIV6	1	DKMQIYVEDK	10	NP_149676.1	213R	0.9709
4	2007-09-14-04 3687 3687 2.out	1102.7	0.615	0.48	1.91	673	0	Nosema	1	PLKSIILYR	9	ABO69724.1	unknown	0.9827
47	2007-09-14-04 2699 2699 2.out	1626.9	0.258	0.33	1.9	183	0	lIV6	1	KIFFSKWQQSLFK	13	NP_149538.1	075L	0.9841
67	2007-09-14-04 6812 6812 3.out	1939.1	1.382	0.39	1.89	143	1.609	Nosema	1	YHKLNINPVKLFIDPK	16	ABE26651.1	pol polyprotein	0.9917
10	2007-09-14-04 1012 1012 2.out	1135.6	0.795	0.31	1.87	539	0	MSCUT	1	GRGFFNNKNK	10	ABQ96192.1	vasa	0.9838
29	2007-09-14-04 2181 2181 2.out	1344.7	0.288	0.34	1.86	345	0.693	lIV6	1	ENENNELLIEEK	11	NP_149776.1	313L	0.9583
14	2007-09-14-04 3403 3403 2.out	1162.5	0.75	0.3	1.85	642	0	lIV6	1	M*YPLDTNHR	10	NP_149676.1	213R	0.9518
21	2007-09-14-04 1237 1237 2.out	1207.6	0.801	0.29	1.85	358	0	Nosema	1	PFVFLSTDASDR	11	ABE26650.1	pol polyprotein	0.9812
1	2007-09-14-04 2788 2788 1.out	700.5	1.015	0.22	1.84	423	0	Nosema	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	1
12	2007-09-14-04 3582 3582 2.out	1143.6	1.65	0.54	1.83	641	0	Nosema Nosema	2	LAVNMVPPR	10	AAN35161.1	beta-tubulin	0.9696
19	2007-09-14-04 3405 3405 2.out	1204.7	1.98	0.49	1.81	293	0	Nosema	1	LVKAMEDATVK	11	ABM26980.1	RNA polymerase II largest subunit	0.9944
50	2007-09-14-04 2379 2379 3.out	1678.9	1.789	0.35	1.81	326	0.693	APV APV	2	YIMH*VLTGYPEPK	14	YP_001040003.1	structural polyprotein	0.9902
58	2007-09-14-04 3774 3774 3.out	1764.8	0.653	0.41	1.8	122	2.565	Nosema	1	DDNPMEMLTHCVHK	15	ABE27267.1	unknown	0.9918
93	2007-09-14-04 6137 6137 3.out	2631.4	0.28	0.38	1.79	210	0	lIV6	1	MTINGQGLELLYILEQQEIAK	23	NP_149650.1	187R	0.9973
39	2007-09-14-04 3119 3119 2.out	1485.9	0.375	0.55	1.77	626	0	Nosema	1	ISRLTIFPLNR	12	AAT12296.1	chromosome segregation protein	1
17	2007-09-14-04 3306 3306 2.out	1172.7	1.352	0.32	1.76	539	0	Nosema	1	SIVLGCKILVK	11	ABE26650.1	pol polyprotein	0.9881
28	2007-09-14-04 4006 4006 2.out	1343.8	1.857	0.36	1.76	292	0	lIV6	1	LWLSEDLVKIK	11	NP_149590.1	127L	0.9622
7	2007-09-14-04 4199 4199 2.out	1122.5	1.077	0.44	1.75	214	0	lIV6	1	SLMGNCPSSVK	11	NP_149555.1	092R	0.9669
90	2007-09-14-04 4090 4090 3.out	2327.1	0.896	0.4	1.75	220	0	Nosema	1	LRVVENYSSDVDICEAM'R	21	AAB54170.2	Hypothetical protein C44E4 2	0.995
86	2007-09-14-04 3803 3803 3.out	2265.2	1.231	0.47	1.71	200	0.693	lIV6	1	PHITGWNIFNDTFLKK	19	NP_149504.1	037L	0.9507
33	2007-09-14-04 3132 3132 2.out	1368.7	1.319	0.38	1.7	405	0	lIV6	1	YOHAYIAFEAVK	11	NP_149681.1	218R	0.9952
85	2007-09-14-04 6489 6489 3.out	2246.2	1.361	0.43	1.69	107	2.485	lIV6	1	IFDNKLEYVEMLGISHPK	19	NP_149639.1	176R	0.9722
87	2007-09-14-04 4829 4829 3.out	2294.2	0.17	0.42	1.69	324	0	lIV6	1	NIASISYRINYGYHERPIK	19	NP_149795.1	332L	0.9914
80	2007-09-14-04 822 822 3.out	2110.9	1.451	0.53	1.68	147	0.693	Nosema	1	EDLYYSSDLSLSSNESSLSK	19	ABE27276.1	unknown	0.9896
89	2007-09-14-04 4903 4903 3.out	2320.1	0.927	0.4	1.67	108	1.099	lIV6	1	CAKGCCILNFTNEIHFKNK	20	NP_149877.1	414L	0.99
20	2007-09-14-04 3665 3665 2.out	1205.7	0.054	0.37	1.66	231	0.693	lIV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	0.9754
5	2007-09-14-04 1182 1182 2.out	1103.5	1.645	0.36	1.63	216	0.693	BQCV BQCV BQCV	4	YDQYDPFR	8	ABC95162.1	structural polyprotein	1
6	2007-09-14-04 2991 2991 2.out	1113.7	1.603	0.37	1.63	635	0	lIV6	1	KILDIPKMR	9	NP_149707.1	244L	0.9558
51	2007-09-14-04 2465 2465 3.out	1688.8	1.383	0.44	1.63	132	0	SV SV SV SV SV	14	IQSSEYSSRAR Y	14	NP_049374.1	polyprotein	0.9546
34	2007-09-14-04 945 945 2.out	1375.7	0.35	0.4	1.62	145	0	lIV6	1	QNDSFNPKLIS	12	NP_149928.1	465R	0.9879
57	2007-09-14-04 6395 6395 3.out	1759.9	0.079	0.49	1.62	157	1.792	lIV6	1	FSHPPPPPPSPSPPPPK	17	NP_149595.1	132L	0.9851
36	2007-09-14-04 4338 4338 2.out	1426.7	1.69	0.41	1.61	202	0	lIV6	1	SIDLIMYEVSEK	12	NP_149485.1	022L	0.9774
49	2007-09-14-04 1444 1444 3.out	1675.9	1.978	0.49	1.61	205	1.099	ABPV	1	YVVKVSSGVNYLKR	14	NP_066241.1	replicase polyprotein	0.9625
27	2007-09-14-04 2505 2505 2.out	1323.7	1.087	0.56	1.6	155	0	lIV6	1	WLIWNIYNFK	10	NP_149609.1	146R	0.9512
45	2007-09-14-04 5435 5435 2.out	1614.8	0.706	0.5	1.6	250	0	lIV6	1	LYNNGCTSIELFLK	14	NP_149663.1	205R	0.9679
82	2007-09-14-04 4497 4497 3.out	2163.1	0.275	0.44	1.6	544	0	Nosema	1	LQSGKNMFLFVADHFSK	19	ABE26654.1	pol polyprotein	0.9899
24	2007-09-14-04 3372 3372 2.out	1256.6	0.816	0.39	1.59	181	0	lIV6	1	CYDITOWLSK	10	NP_149867.1	404L	0.986
75	2007-09-14-04 6830 6830 3.out	2057.1	0.518	0.52	1.59	131	0	lIV6	1	IDADLOGNGM*VEIIKALIK	20	NP_149618.1	155L	0.9726
84	2007-09-14-04 3835 3835 3.out	2246.0	0.122	0.47	1.59	139	0	Nosema	1	FTNKKCCGWFGENGSGHFK	20	ABO69727.1	unknown	0.992
32	2007-09-14-04 3305 3305 2.out	1366.7	1.524	0.35	1.58	731	0	lIV6	1	INLVLFDHMCR	11	NP_149818.1	355R	0.9535
55	2007-09-14-04 6451 6451 3.out	1749.9	0.708	0.44	1.58	378	0	lIV6	1	IFYLSKVNMLCOYK	14	NP_149711.1	248R	0.9928
88	2007-09-14-04 6297 6297 3.out	2315.1	0.762	0.48	1.56	106	0	Nosema	1	FIECDAIHDKVGYDELRR	20	AAC47660.1	mitochondrial-type HSP70	0.9927
94	2007-09-14-04 4260 4260 3.out	2653.4</												

Test 13

Sl No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
28	2007-09-14-05 4318 4318 2 out	1457 9	0 55	0 83	4	1018	0	Nosemal Nosemal Nosemal N	5	IIAQIVVSSITASLR	14	AAZ23550 1	alpha-tubulin	0 9971
9	2007-09-14-05 3546 3546 2 out	1143 6	1 684	0 6	3 17	865	0	Nosemal Nosemal	2	LAVNMMVPFPR	10	AAN35161 1	beta-tubulin	0 9935
18	2007-09-14-05 3826 3826 2 out	1285 7	0 698	0 37	2 64	1014	0	IV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 9946
21	2007-09-14-05 2718 2718 2 out	1344 7	1 595	0 28	2 34	424	0	IV6	1	IEENNLEEK	11	NP_149776 1	313L	0 9987
29	2007-09-14-05 2949 2949 2 out	1475 6	0 801	0 32	2 21	718	0	IV6	1	EMINTCSSGYLTR	13	NP_149930 1	467R	0 9977
17	2007-09-14-05 3469 3469 2 out	1270 8	0 764	0 26	2 17	443	0	Nosemal	1	NINTVKEVLIK	11	ABV48897 1	hypothetical spore wall protein	0 9735
19	2007-09-14-05 3498 3498 2 out	1329 8	1 631	0 37	2 16	238	0	IV6	1	VEKGLSISQIKK	12	NP_149608 1	145L	0 9832
36	2007-09-14-05 2926 2926 3 out	1755 8	0 215	0 53	2 08	583	0	VDV1 VDV1	2	RSSLECYIEPPTSR	15	YP_145791 1	polyprotein	0 9732
22	2007-09-14-05 3226 3226 2 out	1359 7	1 769	0 38	2 07	326	0	IV6	1	MISHLKFLQK	11	NP_149902 1	439L	0 9966
2	2007-09-14-05 2613 2613 2 out	1103 5	1 959	0 49	2 05	385	0	BQCV BQCV BQCV BQCV	4	YDQYDPR	8	ABC95162 1	structural polyprotein	0 994
3	2007-09-14-05 2494 2494 2 out	1109 6	0 651	0 26	2 05	292	0	SV SV SV	3	TYKTKLEAR	9	AAL79021 1	AF469603 1 polyprotein	0 9946
5	2007-09-14-05 4784 4784 2 out	1122 5	0 927	0 46	2	381	0	IV6	1	SLSGNCPSVVK	11	NP_149555 1	092R	0 9985
26	2007-09-14-05 3403 3403 2 out	1406 8	0 45	0 45	2	167	0	ABPV	1	VLNTLYKICLVK	12	NP_06241 1	replicase polyprotein	0 9545
43	2007-09-14-05 3431 3431 3 out	1829 9	1 424	0 47	2	77	1 099	IV6	1	DIPDFTIRSEYKSMK	15	NP_149530 1	067R	0 9504
38	2007-09-14-05 3455 3455 3 out	1773 9	0 668	0 39	1 96	284	0 693	IV6	1	TLIQYSKSKGDPDETR	15	NP_149709 1	246L	0 9648
4	2007-09-14-05 3029 3029 2 out	1116 6	0 697	0 43	1 94	289	0	IV6	1	CVSNIRLSPK	10	NP_149592 1	129R	1
50	2007-09-14-05 5777 5777 3 out	2051 1	1 207	0 41	1 94	300	0	Nosemal	1	HSSPPHQPSNGLAERTNR	18	ABE26649 1	pol polyprotein	0 9667
15	2007-09-14-05 3622 3622 2 out	1205 7	0 589	0 39	1 92	270	0	IV6	1	VDVSTQTKTVK	11	NP_149655 1	192R	0 9965
1	2007-09-14-05 2920 2920 1 out	700 5	1 082	0 19	1 89	429	0	Nosemal	1	VXDIK	6	ABM26977 1	RNA polymerase II largest subunit	1
45	2007-09-14-05 3649 3649 3 out	1881 9	1 633	0 39	1 88	228	0 693	IV6	1	MINVPLDNCM*FSVIGR	18	NP_149695 1	232R	0 9831
25	2007-09-14-05 3069 3069 2 out	1389 7	0 524	0 59	1 87	372	0	VDV1 VDV1	2	VLIECKANEK	12	YP_145791 1	polyprotein	0 9942
52	2007-09-14-05 7122 7122 3 out	2057 1	0 504	0 37	1 86	185	0	IV6	1	DAQLQNGNM*VEIIKALIK	20	NP_149618 1	155L	0 9923
16	2007-09-14-05 3693 3693 2 out	1268 6	0 249	0 38	1 82	560	0	IV6	1	DKMQYIYEDK	10	NP_149676 1	213R	0 9917
7	2007-09-14-05 3507 3507 2 out	1134 6	0 734	0 33	1 81	347	0	IVPV IVPV	2	VQNKNPSGYK	10	YP_001040003 1	structural polyprotein	0 9952
34	2007-09-14-05 3066 3066 3 out	1696 1	1 281	0 43	1 81	133	0	IV6	1	TVERIASVLRTIPK	15	NP_149758 1	295L	0 9516
20	2007-09-14-05 3631 3631 2 out	1333 8	0 245	0 47	1 73	297	0	SV	1	VERSLTILTSK	12	AAT45735 1	structural polyprotein	0 9721
44	2007-09-14-05 65981 65981 1 out	1840 9	0 345	0 37	1 73	198	0	IV6	1	GYLCPSDLSLSSGGYEAR	18	NP_149513 1	050L	0 9881
30	2007-09-14-05 3255 3255 2 out	1532 8	0 534	0 42	1 72	403	0	Nosemal	1	1M*ADPDLRSELEIK	14	ABP03091 1	A144035 1 transcription initiation factor TFIID	0 9984
12	2007-09-14-05 634 634 2 out	1177 6	0 405	0 37	1 71	192	0	IV6	1	YFLM*VTFLK	10	NP_149607 1	144R	0 9963
24	2007-09-14-05 2525 2525 2 out	1371 7	0 507	0 42	1 69	199	0	ABPV ABPV ABPV	3	KNPNKMTTPVK	12	AAL05919 1	capsid polyprotein	0 9947
33	2007-09-14-05 821 821 3 out	1679 8	1 913	0 44	1 68	207	0	Nosemal	1	1NKASNDNKGHYER	15	AAU11092 1	unknown	0 9506
35	2007-09-14-05 3798 3798 3 out	1710 9	1 837	0 5	1 68	498	0	IV6	1	KLDISVEDRAPQD	15	NP_149463 1	468L	0 9746
37	2007-09-14-05 2580 2580 3 out	1763 9	1 714	0 41	1 67	269	0	IV6	1	1GSSPALIYACSNLIGK	18	NP_149665 1	202L	0 9579
40	2007-09-14-05 2421 2421 2 out	1786 0	1 108	0 42	1 67	218	0	Nosemal	1	1FYSLKNSFELSK	15	ABE27277 1	unknown	0 9512
6	2007-09-14-05 3934 3934 2 out	1125 6	1 713	0 5	1 66	336	0	IV6	1	1NFLENTLK	9	NP_149902 1	439L	0 9806
54	2007-09-14-05 2663 2663 3 out	2230 3	0 035	0 45	1 62	254	0	ABPV	1	1AVKTAFTHTGRLLGFFGPKG	21	NP_06242 1	capsid protein	0 9942
41	2007-09-14-05 933 933 3 out	1802 0	0 372	0 48	1 61	231	0	IV6	1	KQYTLSDIDHVLRR	15	NP_149508 1	045L	0 9915
14	2007-09-14-05 3150 3150 2 out	1203 7	1 625	0 41	1 6	321	0	Nosemal	1	1QDGYIYIL	10	ABE26651 1	pol polyprotein	0 986
49	2007-09-14-05 2121 2121 3 out	2011 1	0 636	0 41	1 58	255	0	Nosemal	1	1VSPVSM*AVGLEKAPDNPBK	20	ABD06917 1	unknown	0 9995
39	2007-09-14-05 2331 2332 3 out	1775 8	1 137	0 54	1 56	157	0	IV6	1	1SCFNLNTCPM*CRSK	16	NP_149620 1	157L	0 9579
10	2007-09-14-05 3421 3421 2 out	1156 7	0 702	0 42	1 55	273	0	Nosemal	1	1NAEELINK	10	ABE26653 1	pol polyprotein	0 998
53	2007-09-14-05 5521 5521 3 out	2103 2	1 711	0 4	1 53	303	0	IV6	1	1LKHLDKYDVSASVIFPELK	18	NP_149891 1	428L	0 9705
55	2007-09-14-05 4432 4432 3 out	2675 5	0 127	0 55	1 51	113	0 693	IV6	1	1VEMLLKLIQKM*GLYHEILLNNF	23	NP_149919 1	456R	0 994
42	2007-09-14-05 2717 2717 3 out	1812 9	1 986	0 45	1 5	186	0 693	IV6	1	1IKQALYEYTEDNIGR	15	NP_149792 1	329R	0 9823

Test 14

Sl No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
30	2007-09-14-18 3563 3563 2 out	1790 9	0 302	0 66	3	13	667	0	Nosemal	1	SYELPDGQVIGKSER	16	AB886863 1	actin	0 9986
16	2007-09-14-18 3517 3517 3 out	1668 1	1 629	0 39	2	9	1020	0	Nosemal	1	1KVIQEVQDILEK	14	ABE27269 1	unknown	0 9704
16	2007-09-14-18 6119 6119 2 out	1614 9	1 376	0 3	2	82	482	0	IV6	1	1TILTKVQVNIEK	14	NP_149513 1	050L	0 9554
7	2007-09-14-18 715 715 2 out	1171 6	0 43	0 64	2	63	667	0	Nosemal	1	1HKGVVMGQMC	11	AB886863 1	actin	0 9925
27	2007-09-14-18 918 918 1 out	7154 4	1 118	0 08	2	48	378	0	IV6	1	1NIIDK	6	NP_149495 1	032R	1
10	2007-09-14-18 3426 3426 2 out	1302 8	0 552	0 28	2	48	1098	0	IV6	1	1MILNCLQKVK	11	NP_149723 1	260R	0 9954
24	2007-09-14-18 3640 3640 3 out	1746 8	1 451	0 4	2	39	678	0	IV6	1	1EDEEVYDFANHFRV	14	NP_149731 1	268L	1
29	2007-09-14-18 3559 3559 3 out	1785 9	0 522	0 42	2	28	415	0	Nosemal Nosemal Nosemal Nosemal N	1	1ADGMKEEFNQKQT*MK	16	ABV48897 1	hypothetical spore wall protein	0 9925
51	2007-09-14-18 3688 3688 3 out	2185 7	0 379	0 48	2	26	138	1 609	Nosemal	1	1SEWGRVSETSMTCPSLASR	20	AAU12239 1	beta transducin repeat containing protein-like	0 9748
14	2007-09-14-18 2875 2875 2 out	1515 7	0 461	0 56	2	19	384	0	Nosemal	1	1IVHHTYFNEYLR	11	AB886863 1	actin	0 9921
11	2007-09-14-18 1630 1631 2 out	1344 7	0 589	0 36	2	12	275	0	IV6	1	1EENNLEEK	11	NP_149776 1	313L	0 9627
15	2007-09-14-18 3761 3761 2 out	1524 9	1 248	0 33	2	11	772	0	IV6	1	1SLGVVNEGLVKVNPK	14	NP_149859 1	396L	0 9955
55	2007-09-14-18 3532 3532 3 out	2432 3	1 567	0 35	2	1	331	0	Nosemal	1	1TMRKHEADEAYHEFISDHK	20	ABD069719 1	unknown	0 9642
54	2007-09-14-18 4931 4931 3 out	2425 2	0 176	0 4	2	08	216	0	IV6	1	1HVLVAM*LASSEGVSVYFNDDKK	23	NP_149508 1	045L	0 9884
1	2007-09-14-18 2685 2685 1 out	1689 9	0 997	0 49	1	19	249	0	IV6	1	1VXDIK	6	ABM26977 1	RNA polymerase II largest subunit	1
61	2007-09-14-18 3888 3888 3 out	2327 6	1 148	0 48	1	99	126	0	IV6	1	1QVTTYHTMLKVIQIRELWIMFK	23	NP_149894 1	431L	0 9915
6	2007-09-14-18 3483 3483 2 out	1143 6	1 497	0 59	1	97	840	0	Nosemal Nosemal	2	1LAVNMVPPFPR	10	AAN35161 1	beta-tubulin	0 9988
49	2007-09-14-18 6009 6009 3 out	1705 9	0 98	0 36	1	96	938	0	Nosemal	1	1FNEQCGREMEVLMNSMK	18	ABV48900 1	hypothetical spore wall protein	0 9702
34	2007-09-14-18 2901 2902 3 out	1849 3	1 082	0 58	1	95	249	0	IV6	1	1LDSKRTGLMDFNPK	16	NP_149642 1	179R	0 9755
33	200														

Test 15

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
14	2007-09-04-18 3679 3679 2.out	1614.9	1.556	0.39	2.96	705	0	IV6	1	TILTTKVQNIIEK	14	NP_149513.1	050L	0.9771
35	2007-09-04-18 3050 3050 3.out	2754.8	0.779	0.61	2.7	312	0	IV6	1	VILLLLLAVLLLLLIFM*KVCKQK	25	NP_149679.1	216R	0.995
10	2007-09-04-18 4146 4146 3.out	1538.7	1.054	0.36	2.49	565	0	Nosema	1	SM*GVVGTGSPGT*AVR	18	AAT12294.1	beta transducin repeat containing protein-like	1
16	2007-09-04-18 2371 2371 3.out	1630.8	0.522	0.32	2.35	577	0	IV6	1	QENMLIESHNMR	14	NP_149463.1	468L	0.9826
13	2007-09-04-18 3386 3386 3.out	1614.8	1.889	0.35	2.3	498	0	Nosema	1	AQENGVSEANELLK	15	ABE26652.1	pol polyprotein	0.9912
37	2007-09-04-18 3583 3583 3.out	2855.4	0.73	0.46	2.29	408	0	Nosema	1	NNYSDFV*LLDYQGWEKTLFDK	24	ABO69722.1	unknown	0.9739
33	2007-09-04-18 3108 3108 3.out	2670.3	1.474	0.53	2.28	234	0	IV6	1	ENSRVFLDYMMYVYDNSVFPK	22	NP_149692.1	229L	0.9637
24	2007-09-04-18 2590 2590 2.out	1620.8	0.357	0.52	2.19	208	0	Nosema	1	Y*ANSLSKFGESSDK	17	AAF91269.1	20S proteasome alpha 5 subunit	0.9984
7	2007-09-04-18 2046 2046 3.out	1427.8	1.802	0.43	1.98	211	0	Nosema	1	PLDRNTVLSVAR	13	AAL28055.1	AF406785.4 pyruvate dehydrogenase E1 beta subunit	0.9854
22	2007-09-04-18 2270 2270 3.out	1808.9	0.036	0.39	1.94	125	0.693	Nosema	1	LIEAGYNSVEALAYAPK	17	AAK68858.1	DNA repair protein	0.9957
29	2007-09-04-18 3373 3373 3.out	2299.3	1.872	0.41	1.87	334	0	IV6	1	VRIPSVTLLSTNOFGANGRIR	21	NP_149737.1	274L	0.9858
38	2007-09-04-18 3378 3378 3.out	2947.4	1.407	0.54	1.79	183	0	Nosema	1	LTNKSTSSNSVPANVNGDGSNGPMKDDK	29	ABE26649.1	pol polyprotein	0.9605
8	2007-09-04-18 2009 2009 3.out	1524.7	1.616	0.39	1.71	143	0.693	IV6	1	FLHEKMFQDSQK	12	NP_149891.1	428L	0.9963
17	2007-09-04-18 2870 2870 2.out	1677.9	0.092	0.4	1.71	429	0	IV6	1	SIVEAQSYQLKEGLR	15	NP_149500.1	037L	0.965
4	2007-09-04-18 2584 2584 2.out	1285.7	1.188	0.53	1.69	1173	0	IV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.9979
9	2007-09-04-18 2566 2566 2.out	1524.9	0.655	0.52	1.66	734	0	IV6	1	SLGVNEQLKVNPK	14	NP_149859.1	396L	0.993
26	2007-09-04-18 4169 4169 3.out	1939.1	1.088	0.42	1.65	71	2.303	Nosema	1	YHKLNLINPVKLFIDPK	16	ABE26651.1	pol polyprotein	0.9943
2	2007-09-04-18 1659 1659 2.out	1103.5	0.08	0.43	1.64	325	0	BQCIV/BQCIV	1	YDQYDPFR	8	ABC95162.1	structural polyprotein	0.9909
30	2007-09-04-18 2351 2351 3.out	2303.2	1.3	0.44	1.63	140	0	SV	1	VMMNATTFGHLLARVEYPPR	20	ADL7021.1	AF469603.1 pol polyprotein	0.9578
21	2007-09-04-18 2159 2159 3.out	1755.8	0.434	0.41	1.62	944	0	IVDV1/IVDV1	1	2RSSLEQVNEPSTSR	15	YP_145791.1	polyprotein	0.9971
19	2007-09-04-18 3895 3895 3.out	1725.8	1.037	0.4	1.58	174	0	Nosema	1	PKELVTSDENM*KYR	15	ABY49795.1	hypothetical spore wall protein 13	0.9595
15	2007-09-04-18 2065 2065 3.out	1623.9	1.28	0.57	1.56	232	0	IV6	1	LWNHAIETAKTISK	14	NP_149500.1	037L	0.9737
36	2007-09-04-18 2669 2669 3.out	2794.4	0.084	0.53	1.54	219	0	IV6	1	YFGAYLCKNEKTSIIITEMATIELR	24	NP_149672.1	209R	0.9547
6	2007-09-04-18 1967 1967 3.out	1353.7	0.307	0.42	1.53	144	0.693	SV	1	YPPDIIYIVSMR	11	AAU10096.1	nonstructural protein	0.9883
1	2007-09-04-18 2131 2131 2.out	1070.6	0.9	0.41	1.5	462	0	IV6	1	LLWDWLPK	8	NP_149515.1	052R	0.9836
5	2007-09-04-18 4223 4223 3.out	1292.7	1.365	0.45	1.5	197	0	ABPV	1	KVDVNAFGESK	12	NP_066241.1	replicase polyprotein	0.9738

Test 15A

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
16	2007-09-04-19 3171 3171 2.out	1790.9	0.354	0.55	2.86	481	0	Nosema	1	SYELPDGQVIGKSER	16	AAB86863.1	actin	0.9871
11	2007-09-04-19 4601 4601 2.out	1634.8	1.166	0.3	2.48	324	0.693	APV/ APV	2	AFETFLGFTYDELK	14	YP_001040002.1	polymerase polyprotein	0.9898
9	2007-09-04-19 3902 3902 2.out	1614.9	0.568	0.45	2.42	461	0	IV6	1	TILTTKVQNIIEK	14	NP_149513.1	050L	0.9648
29	2007-09-04-19 3697 3698 3.out	2440.2	0.361	0.37	2.42	316	0	IV6	1	VIPFESTFKSDIDISLEEQK	21	NP_149647.1	184R	0.9604
6	2007-09-04-19 3505 3505 2.out	1490.8	1.684	0.33	2.34	628	0	IV6	1	INVSVEFIFTLDK	13	NP_149490.1	027L	0.979
7	2007-09-04-19 9486 9486 2.out	1495.7	1.05	0.4	2.11	355	0	IV6	1	FHNEKIVCWSGSFQ	13	NP_149713.1	250L	1
30	2007-09-04-19 4744 4744 3.out	2444.3	0.544	0.43	2.06	250	0	IV6	1	FQLNNFLKLYFQLQSYKSK	19	NP_149761.1	298R	0.9863
36	2007-09-04-19 5225 5225 3.out	2901.4	0.59	0.47	2.03	197	0.693	Nosema	1	CAEDFLKSPVSKSVTVPAYFNDNSQR	26	AAC47660.1	mitochondrial-type HSP70	0.9775
10	2007-09-04-19 5109 5109 2.out	1630.8	0.907	0.44	1.97	289	0.693	IV6	1	QENMLIESHNMR	14	NP_149463.1	468L	0.9926
19	2007-09-04-19 4882 4882 3.out	2038.1	1.566	0.4	1.96	142	1.609	IV6	1	AYKECCPLISQISFPLI	18	NP_149822.1	359L	0.9988
24	2007-09-04-19 5587 5587 3.out	2111.0	0.274	0.4	1.93	1366	Nosema	1	SDEDVKM*MPLSNNTVSR	20	ABE27267.1	unknown	0.9706	
14	2007-09-04-19 5295 5295 3.out	1723.9	1.863	0.37	1.89	261	0	BQCIV/BQCIV	2	LDDQYVDTETKEAK	15	NP_620565.1	structural polyprotein	0.9967
20	2007-09-04-19 5273 5273 2.out	2056.1	1.537	0.37	1.87	245	0.693	IV6	1	YPIPMTPPTPPIPGLTSNM	19	NP_149920.1	457L	0.9892
13	2007-09-04-19 3731 3731 2.out	1686.8	1.417	0.4	1.85	100	0.693	Nosema	1	GKYSWNGYKDIQD	14	ABE26653.1	pol polyprotein	0.9835
18	2007-09-04-19 4396 4396 2.out	1964.1	1.02	0.52	1.82	166	0	Nosema	1	1DMDVIADEQKIPFGFK	17	ABE27277.1	unknown	0.9794
22	2007-09-04-19 4640 4640 3.out	2092.9	1.187	0.46	1.78	180	1.609	KBV/KBV	2	TDIEYEDFLDMCLETK	17	NP_851403.1	non-structural polyprotein	0.9686
35	2007-09-04-19 3285 3285 3.out	2777.4	1.059	0.45	1.78	142	0.693	Nosema	1	FMSLMSMEM*NQEGFEFNVLIKTPKK	24	ABE27273.1	unknown	0.9913
4	2007-09-04-19 5039 5039 3.out	1326.7	0.618	0.38	1.74	301	0	IV6	1	1MLNLLFSPTELK	11	NP_149642.1	179R	0.9952
32	2007-09-04-19 3751 3751 3.out	2551.4	0.768	0.39	1.71	211	0	IV6	1	1SCEEIFIPNYDKKLTIHFK	21	NP_149877.1	414L	0.9701
15	2007-09-04-19 4040 4040 2.out	1763.1	0.122	0.46	1.68	320	0	Nosema	1	1RMFVLAIVLFLITK	15	AAL28057.1	AF406785.6 calmodulin-dependent protein kinase	0.9572
23	2007-09-04-19 4865 4865 3.out	2097.1	1.317	0.43	1.66	227	0	IV6	1	1FTGILSM*LNRRNRM*AEIK	20	NP_149599.1	136R	0.9865
33	2007-09-04-19 3706 3706 3.out	2619.5	0.494	0.52	1.62	147	0	IV6	1	1EPTILPPKILEQAYIRAGDEPR	23	NP_149664.1	201R	0.9815
17	2007-09-04-19 3905 3905 3.out	1939.1	1.432	0.46	1.61	83	1.792	Nosema	1	1YHKLNLIPVKLFIDPK	16	ABE26651.1	pol polyprotein	0.9904
34	2007-09-04-19 4993 4993 3.out	2653.4	1.872	0.43	1.58	221	0	BQCIV	1	1VKFATNMVSRM*LLNNHQCDIAK	24	NP_620565.1	structural polyprotein	0.9856
28	2007-09-04-19 3369 3369 2.out	2280.1	1.177	0.42	1.57	216	0	IV6	1	1IFSACFYGSDTASNQLSDK	21	NP_149758.1	295L	0.9967
31	2007-09-04-19 3530 3530 3.out	2475.2	0.417	0.53	1.55	140	0	IV6	1	1M*NEVGDNLLTGLNTELKYK	22	NP_149561.1	098R	1
3	2007-09-04-19 3907 3907 3.out	1292.7	1.992	0.47	1.5	236	0	ABPV	1	KVDVNAFGESK	12	NP_062411.1	replicase polyprotein	0.9727
38	2007-09-04-19 3459 3459 3.out	3128.6	1.903	0.47	1.5	103	1.609	Nosema	1	1QM*LKAGSKGSYINISQITSCVGQQNIESK	30	AAD12605.1	RNA polymerase II largest subunit	0.9736

Test 16

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
1	2007-09-14-07 3136 3136 2.out	1156.7	0.532	0.66	3.45	661	0	KBV/KBV KBV KBV	6	1GPISEVASVK	12	ABN49472.1	VP4 protein	0.9976
3	2007-09-14-07 3902 3902 2.out	1285.7	0.314	0.54	2.45	1170	0	IV6	1	1EAQKIEKIGNR	11	NP_149612.1	149L	0.999
4	2007-09-14-07 2614 2614 2.out	1344.7	0.251	0.41	1.72	403	0	IV6	1	1ENENNLEEIK	11	NP_149776.1	313L	0.9997
2	2007-09-14-07 3334 3334 2.out	1159.6	0.505	0.49	1.6	280	0	Nosema Nosema	2	1LAVNM*VPFPR	11	AAN35161.1	beta-tubulin	0.9992
1	2008-08-13-01a 1274 1274 2.out	1156.7	0.378	0.68	3.13	802	0	KBV KBV KBV	6	1GPISEVASVK	12	ABN49472.1	VP4 protein	0.9876
14	2008-08-13-01a 1670 1670 2.out	1614.9	0.202	0.28	2.57	596	0	IV6	1	TILTTKVQNIIEK	14	NP_149513.1	050L	0.9956
12	2008-08-13-01a 957 957 2.out	1344.7	1.598	0.25	2.34									

Test 16

Sr No	File Name	(M+H) ⁺	M	^a Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2008-08-13-02 1670 1670 2 out	1614 9	0 468	0 32	2 61	549	0	IV6	1	TILTIVKVNINIEK	14	NP_149513 1	050L	0 9997
9	2008-08-13-02 944 944 2 out	1344 7	0 485	0 33	2 09	379	0	IV6	1	IEENNLEEK	11	NP_149776 1	313L	0 9812
12	2008-08-13-02 1509 1509 2 out	1630 8	0 583	0 33	2 03	369	0	IV6	1	QENMLIESHNMR	14	NP_149463 1	468L	0 9944
1	2008-08-13-02 1136 1136 1 out	700 5	1 105	0 19	1 91	399	0	Nosem	1	VXDIK	6	ABM26977 1	RNA polymerase II largest subunit	1
18	2008-08-13-02 1482 1482 3 out	1780 9	0 942	0 56	1 91	227	0	Nosem	1	QPSLHKMSMMAHKVR	15	ABM26979 1	RNA polymerase II largest subunit	0 9689
8	2008-08-13-02 1674 1674 2 out	1272 7	1 088	0 43	1 84	283	0	Nosem	1	DIVVDDYNHGK	11	AAT72741 1	deoxyuridine 5' triphosphate nucleotidohydrolas	0 9976
3	2008-08-13-02 1198 1199 2 out	1184 7	0 282	0 5	1 78	270	0	IV6	1	IKDIIDALQR	10	NP_149695 1	232R	0 9991
7	2008-08-13-02 1779 1779 2 out	1268 6	0 309	0 43	1 72	396	0	IV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 9939
2	2008-08-13-02 1284 1284 2 out	1156 7	0 939	0 44	1 7	229	0	KBVVKBVVK	6	GPISEVASGVK	12	ABN49472 1	VP4 protein	0 991
17	2008-08-13-02 1492 1492 3 out	1776 0	0 604	0 41	1 7	276	0	IV6	1	NHIKALTEQISRIPR	15	NP_149688 1	225R	0 9995
13	2008-08-13-02 1365 1365 3 out	1732 9	1 127	0 45	1 66	271	1 099	IV6	1	LNESREIVSAEMVK	15	NP_149639 1	176R	1
6	2008-08-13-02 1260 1260 2 out	1264 7	1 544	0 38	1 63	308	0	IV6	1	TMNFKNRLK	10	NP_149777 1	314L	0 9971
4	2008-08-13-02 897 897 2 out	1197 8	0 012	0 44	1 61	177	0	IV6	1	ESILILLRK	10	NP_149671 1	208L	0 9996
20	2008-08-13-02 1524 1524 3 out	2062 1	0 754	0 47	1 58	258	0	Nosem	1	DAAMNAKSAATIGDORSLEK	20	AAT12296 1	chromosome segregation protein	0 9648
16	2008-08-13-02 1238 1238 3 out	1764 8	1 201	0 42	1 57	76	1 099	Nosem	1	DDNPEMLTIHCVHK	15	ABE27267 1	unknown	0 9769

Test 17

Sr No	File Name	(M+H) ⁺	M	^a Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
18	2007-09-14 11 3602 3603 2 out	1614 9	1 224	0 35	2 88	783	0	IV6	1	TILTIVKVNINIEK	14	NP_149513 1	050L	0 9534
7	2007-09-14 11 3130 3130 2 out	1156 7	0 713	0 59	2 64	436	0	KBVVKBVVKBVVKBVVKBV	6	GPISEVASGVK	12	ABN49472 1	VP4 protein	0 9946
20	2007-09-14-11 2756 2756 3 out	1704 9	0 326	0 45	2 38	345	0	Nosem	1	KINNFIFDDVAAIPK	15	ABE26651 1	pol polyprotein	0 9666
12	2007-09-14-11 2576 2576 2 out	1344 7	1 173	0 36	2 33	449	0	IV6	1	IEENNLEEK	11	NP_149776 1	313L	0 9635
37	2007-09-14-11 3687 3687 3 out	2110 1	1 373	0 55	2 26	406	0	Nosem	1	ASLQLKELEMOMHNVLVR	18	AT12296 1	chromosome segregation protein	1
13	2007-09-14-11 3180 3180 2 out	1368 7	0 793	0 52	2 24	678	0	IV6	1	YQHYIAFEAVK	11	NP_149681 1	218R	0 9607
9	2007-09-14-11 657 657 2 out	1202 7	1 274	0 42	1 94	483	0	IV6	1	KFPTLEIINK	10	NP_149688 1	225R	0 9928
10	2007-09-14-11 3858 3858 2 out	1285 7	1 149	0 41	1 9	312	0	IV6	1	EAQKIEKIGNR	11	NP_149612 1	149L	0 968
23	2007-09-14-11 2712 2712 3 out	1745 1	1 225	0 36	1 9	140	1 609	Nosem	1	IIIPPEFELEFLER	14	ABE26650 1	pol polyprotein	0 9866
25	2007-09-14-11 2946 2946 3 out	1755 8	0 007	0 5	1 89	1193	0	VDV1/VDV1	2	RSSLECOYEPSTSR	15	YP_145791 1	polyprotein	0 9917
6	2007-09-14-11 2789 2789 2 out	1146 6	0 908	0 44	1 88	473	0	Nosem	1	LSKEMNRIR	9	ABY47975 1	hypothetical spore wall protein 13	0 9874
1	2007-09-14-11 2877 2877 3 out	700 5	1 008	0 17	1 87	425	0	Nosem	1	VXDIK	6	ABM26977 1	RNA polymerase II largest subunit	1
38	2007-09-14-11 3252 3252 3 out	2131 2	1 663	0 41	1 87	133	0	Nosem	1	LNQTVAAEVLRLYKNNDIK	18	ABE26651 1	pol polyprotein	0 998
4	2007-09-14-11 2970 2970 2 out	1133 7	0 696	0 42	1 86	229	0	IV6	1	DDYILLLLR	9	NP_149867 1	404L	0 9988
5	2007-09-14-11 3575 3575 2 out	1143 6	1 71	0 43	1 85	484	0	Nosem	1	2LMGNCPSSV	10	AAN35161 1	beta-tubulin	1
11	2007-09-14-11 2901 2901 2 out	1309 6	1 525	0 42	1 82	528	0	IV6	1	1NMLQTM'GIEIK	13	NP_149701 1	238R	0 9981
29	2007-09-14-11 4480 4480 3 out	1943 1	2 026	0 37	1 77	218	0	IV6	1	SOHGIPDTSLKPSHWR	17	NP_149813 1	350L	0 9889
16	2007-09-14-11 3454 3454 2 out	1538 8	0 381	0 52	1 75	68	0 693	IV6	1	VSELGSKHKFCYR	13	NP_149827 1	364L	0 9817
8	2007-09-14-11 3070 3070 2 out	1179 7	1 898	0 44	1 74	238	0 693	IV6	1	PEILPLLTQ	10	NP_149731 1	268L	0 9592
3	2007-09-14-11 3570 3572 2 out	1122 5	1 304	0 42	1 69	156	0	IV6	1	1SLMGNCPSV	11	NP_149555 1	092R	0 9964
15	2007-09-14-11 3350 3350 2 out	1429 7	1 379	0 5	1 66	221	0	Kakugo	1	1PIKECSPISVSNR	13	YP_105696 1	polyprotein	0 9976
40	2007-09-14-11 3434 3434 3 out	2542 3	1 975	0 38	1 66	89	0	Nosem	1	LPGMITMKESFESQVNVLNKAR	22	ABM26981 1	RNA polymerase II largest subunit	0 9941
14	2007-09-14-11 3508 3508 2 out	1377 7	0 739	0 54	1 64	87	0 693	IV6	1	1ENNNSVGRTMK	12	NP_149530 1	067R	0 9708
28	2007-09-14-11 3633 3633 3 out	1900 9	1 373	0 5	1 61	345	0	IV6	1	EYMTITFCNQNEHQIK	16	NP_149752 1	289L	0 9921
32	2007-09-14-11 2631 2631 3 out	1990 1	0 749	0 39	1 6	76	0	IV6	1	M'HVLTITKTTITMENK	18	NP_149872 1	411L	1
26	2007-09-14-11 2793 2793 3 out	1779 9	0 022	0 41	1 58	160	0 693	Nosem	1	1DSELAVLDELGGCGFVR	17	AAT12295 1	phospholipase D	1
17	2007-09-14-11 2958 2958 2 out	1559 8	1 436	0 47	1 57	105	0 693	IV6	1	M'DETOQLLYKFK	13	NP_149688 1	205R	0 9593
35	2007-09-14-11 742 742 3 out	2045 1	0 086	0 4	1 53	199	0	IV6	1	1SLMGNCPSV	21	NP_149555 1	092R	0 9583

Test 18

Sr No	File Name	(M+H) ⁺	M	^a Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
4	2007-09-14-08 2898 2898 2 out	1156 7	0 812	0 74	2 83	593	0	KBVVKBVVKBVVKBVVKBV	6	GPISEVASGVK	12	ABN49472 1	VP4 protein	0 9954
3	2007-09-14-08 3345 3345 2 out	1143 6	1 67	0 55	2 45	1024	0	Nosem	1	2LAVNMVP	10	AAN35161 1	beta-tubulin	0 9814
11	2007-09-14-08 2865 2865 2 out	1389 7	0 778	0 58	2 42	431	0	IV6	2	NENNSVGR	12	YP_145791 1	polyprotein	0 9518
8	2007-09-14-08 3501 3501 2 out	1268 6	1 68	0 41	2 34	570	0	IV6	1	DKMQIYVEDK	10	NP_149676 1	213R	0 982
9	2007-09-14-08 2628 2628 2 out	1344 7	0 403	0 4	2 1	433	0	IV6	1	IEENNLEEK	11	NP_149776 1	313L	1
35	2007-09-14-08 2735 2735 3 out	1755 8	0 47	0 41	2 04	939	0	IV6	1	YVYTKPLONTSKHIVATLR	20	ABE26650 1	pol polyprotein	0 9808
22	2007-09-14-08 2735 2735 3 out	1755 8	0 47	0 48	2 05	74	0	Nosem	1	2RSSLECOYEPSTSR	15	YP_145791 1	polyprotein	0 9996
10	2007-09-14-08 3216 3216 2 out	1377 7	0 679	0 46	1 99	108	1 095	IV6	1	1NENNSVGR	12	NP_149530 1	067R	0 9832
6	2007-09-14-08 2585 2585 2 out	1205 6	0 335	0 36	1 87	220	0	IV6	1	DOPFDKELAR	10	ABE26639 1	polyprotein	0 9938
13	2007-09-14-08 2466 2466 2 out	1556 7	0 287	0 4	1 83	256	0	BQCV	1	1KYSFQDWFSFSK	12	NP_620564 1	nonstructural polyprotein	0 9931
5	2007-09-14-08 3520 3520 2 out	1195 8	1 641	0 52	1 76	376	0 693	IV6	1	1ILQIQLELK	10	NP_149702 1	239R	0 9868
23	2007-09-14-08 3407 3407 3 out	1785 9	0 768	0 44	1 71	284	0	Nosem	1	1ADGMKIEEFNKOTM'K	16	ABV48897 1	hypothetical spore wall protein	0 9741
29	2007-09-14-08 3129 3129 3 out	1971 2	1 153	0 45	1 69	309	0	IV6	1	1M'ILVLAFLHQKFLLR	17	NP_149845 1	382R	0 9951
12	2007-09-14-08 3364 3364 2 out	1401 8	0 825	0 48	1 68	275	0	IV6	1	1ELNLLTNTENK	12	NP_149803 1	340R	0 9972
16	2007-09-14-08 2972 2972 3 out	1687 9	0 34	0 44	1 65	172	0	KBVVKBVVKBVVKBV	6	1VQNSDOKLKEAL	15	ABE49472 1	VP4 protein	1
36	2007-09-14-08 3286 3286 3 out	2296 2	1 139	0 44	1 65	98	1 609	IV6	1	1FAMFKPHVLTPLPEYFNRR	19	NP_149788 1	325L	0 9978
21	2007-09-14-08 3849 3849 3 out	1746 1	0 306	0 41	1 61	347	0	IV6	1	1ELKKWLLQEFWK	13	NP_149487 1	024L	0 9959
32	2007-09-14-08 2909 2909 3 out	2165 2	1 132	0 4	1 61	172	0	IV6	1	1YNPPIRYNPKHPLSPPK	1			

Test 18

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
5	2008-08-13-04 1288 1289 2.out	1156.7	0.484	0.62	3.58	792	0	KBV KBV KBV KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	1
12	2008-08-13-04 1679 1679 2.out	1614.9	1.485	0.35	2.82	617	0	IV6	1	TILTTKVQNNIEK	14	NP_149513.1	050L	0.9945
16	2008-08-13-04 1711 1711 3.out	1795.9	0.392	0.34	2.32	375	0	Nosema	1	MILKMLMSTDSEIEKR	15	ABE27271.1	unknown	0.9629
11	2008-08-13-04 1261 1261 2.out	1389.7	0.492	0.65	2.27	645	0	VDV1 VDV1	2	NVLEICKANEEK	12	YP_145791.1	polyprotein	0.9872
14	2008-08-13-04 1067 1067 2.out	1665.8	1.735	0.38	2.22	293	0	Nosema	1	TQSDQGTTKVQEDK	15	ABE26649.1	pol polyprotein	0.9985
7	2008-08-13-04 1708 1708 2.out	1205.7	1.393	0.35	2.12	311	0	IV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	0.9832
13	2008-08-13-04 1521 1522 2.out	1630.8	1.543	0.43	2.08	441	0	IV6	1	QENMLIESHNMR	14	NP_149463.1	468L	0.9622
6	2008-08-13-04 1204 1204 2.out	1184.7	0.119	0.43	2.07	331	0	IV6	1	IKDIDALQR	10	NP_149695.1	232R	0.9892
10	2008-08-13-04 958 958 2.out	1344.7	0.291	0.37	2.06	429	0	IV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9884
3	2008-08-13-04 1494 1494 2.out	1151.6	1.656	0.53	2.05	224	0	Nosema Nosema	2	LSQEFGKKSK	10	AAC47419.1	alpha-tubulin	0.9877
9	2008-08-13-04 1456 1456 2.out	1268.6	1.366	0.32	1.98	412	0	IV6	1	DKMQIYVEDK	10	NP_149676.1	213R	0.9743
1	2008-08-13-04 1143 1144 1.out	700.5	0.566	0.17	1.89	415	0	Nosema	1	VADIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
17	2008-08-13-04 1571 1571 3.out	2352.8	0.858	0.58	1.75	374	0	IV6	1	PSVAEAM*POIKPNQVM*VHLGK	23	NP_149864.1	401R	0.9892
8	2008-08-13-04 1703 1703 2.out	1256.6	0.494	0.45	1.65	282	0	693 Nosema	1	EFLNDKSEM*K	11	ABE27267.1	unknown	0.9955
15	2008-08-13-04 1744 1744 3.out	1700.9	1.461	0.52	1.6	217	0	IV6	1	CNQIVIDFFVVF	14	NP_149776.1	313L	0.9829
2	2008-08-13-04 2070 2070 2.out	1122.5	1.899	0.52	1.55	178	0	693 IV6	1	SLMGNCPSSVK	11	NP_149555.1	092R	0.9839
4	2008-08-13-04 817 817 2.out	1153.5	0.738	0.49	1.52	320	0	IV6	1	TM*TGLEDASGR	12	NP_149548.1	085L	0.9897

Test 18

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
6	2008-08-13-05 1288 1288 2.out	1156.7	0.394	0.74	3.38	602	0	KBV KBV KBV KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	1
17	2008-08-13-05 1682 1683 2.out	1614.9	0.581	0.21	2.62	687	0	IV6	1	TILTTKVQNNIEK	14	NP_149513.1	050L	0.9915
12	2008-08-13-05 1257 1257 2.out	1389.7	1.502	0.71	2.29	639	0	VDV1 VDV1	2	NVLEICKANEEK	12	YP_145791.1	polyprotein	1
11	2008-08-13-05 1564 1564 2.out	1377.7	0.617	0.37	2.23	97	2	197 IV6	1	NENNNSVGRQTMK	12	NP_149530.1	067R	0.992
10	2008-08-13-05 932 932 2.out	1344.7	1.578	0.27	2.19	355	0	IV6	1	IENENNLEEIK	11	NP_149776.1	313L	0.9888
9	2008-08-13-05 1439 1439 2.out	1258.7	0.495	0.29	2.13	329	0	Nosema	1	EDLNFLIGPK	11	AAT12293.1	DNA repair helicase RAD25	0.9595
18	2008-08-13-05 1619 1619 2.out	1630.8	1.133	0.3	2.07	429	0	IV6	1	QENMLIESHNMR	14	NP_149463.1	468L	0.9713
24	2008-08-13-05 1168 1168 3.out	1849.1	1.916	0.47	1.98	268	0	IV6	1	LDISKRTGLIMDFNNPK	16	NP_149642.1	179R	0.9878
19	2008-08-13-05 1664 1664 2.out	1633.9	0.23	0.35	1.97	391	0	IV6	1	M*DKIEKELKIEELK	14	NP_149512.1	049L	0.9579
4	2008-08-13-05 1286 1286 2.out	1149.6	1.603	0.32	1.94	233	0	Nosema	1	LENIPHPPTK	10	ABE26650.1	pol polyprotein	0.9643
8	2008-08-13-05 1966 1966 2.out	1206.6	0.163	0.35	1.92	515	0	Nosema	1	LSTPGYGELNR	11	AAN35161.1	beta-tubulin	0.9955
16	2008-08-13-05 917 917 2.out	1556.7	0.553	0.37	1.85	137	0	BQCV	1	KYSFDDWFSFSK	12	NP_620564.1	nonstructural polyprotein	0.9553
26	2008-08-13-05 1026 1026 3.out	2249.2	0.672	0.53	1.84	182	0	IV6	1	HVHTIHLYLVRNRYRIK	17	NP_149531.1	074R	0.9857
21	2008-08-13-05 951 951 3.out	1758.9	0.374	0.4	1.82	135	0	Nosema	1	RIDEMGADIEKOLIK	15	ABE27267.1	unknown	0.9776
2	2008-08-13-05 1480 1480 2.out	1130.7	0.854	0.43	1.73	136	0	693 KBV KBV KBV	3	KVLDAGLAICK	11	NP_851403.1	non-structural polyprotein	0.9955
22	2008-08-13-05 1516 1516 3.out	1805.9	0.991	0.43	1.69	75	1	099 Kakugo	1	VEIGQEASECIFKKPK	16	YP_015696.1	polyprotein	0.9701
25	2008-08-13-05 1380 1380 3.out	2075.1	0.721	0.48	1.63	70	0	693 Nosema	1	DKPITVGHWLVVPEESR	18	ABE27273.1	unknown	0.9665
15	2008-08-13-05 1440 1440 2.out	1554.7	0.881	0.41	1.57	303	0	DWV	1	SSVEQYAEQEPQASR	14	ABM64829.1	polyprotein	1
5	2008-08-13-05 814 814 2.out	1153.5	0.367	0.47	1.51	210	0	IV6	1	TM*TGLEDASGR	12	NP_149548.1	085L	0.981

Test 19

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
4	2007-09-14-09 3599 3599 2.out	1143.6	0.778	0.67	3.06	1048	0	Nosema Nosema	2	LAVNMVFPFPR	10	AAN35161.1	beta-tubulin	1
9	2007-09-14-09 4036 4036 2.out	1614.9	0.607	0.42	2.82	842	0	IV6	1	TILTTKVQNNIEK	14	NP_149513.1	050L	0.9577
24	2007-09-14-09 3677 3677 3.out	1785.9	1.434	0.58	2.82	339	0	Nosema	1	ADGMKIEEFLNQTMK	16	ABV48897.1	hypothetical spore wall protein	0.9838
5	2007-09-14-09 2168 2168 2.out	1171.6	0.641	0.72	2.79	755	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9601
3	2007-09-14-09 3141 3141 2.out	1130.6	0.375	0.46	2.53	454	0	Nosema Nosema No	14	FPGQLNADLR	10	AZZ23562.1	beta-tubulin	0.9853
11	2007-09-14-09 3641 3641 3.out	1668.1	1.652	0.31	2.53	847	0	Nosema	1	IKVIEQVQDILEK	14	ABE27269.1	unknown	0.9964
6	2007-09-14-09 3474 3474 2.out	1377.7	0.766	0.47	2.47	113	1	099 IV6	1	NEENNNSVGRQTMK	12	NP_149530.1	067R	0.9792
37	2007-09-14-09 3729 3729 3.out	2110.1	0.641	0.3	2.26	335	0	Nosema	1	ASLQLKELEMQHNNLVS	18	AAT22961.1	chromosome segregation protein	0.9722
7	2007-09-14-09 3257 3257 2.out	1401.7	0.515	0.4	2.22	284	0	IV6	1	M'LSSCLNSLNSKSTK	14	NP_149862.1	339R	0.9516
8	2007-09-14-09 3618 3618 2.out	1401.8	1.748	0.4	2.09	496	0	IV6	1	ELNLLTLENTEK	12	NP_149803.1	340R	0.9951
21	2007-09-14-09 892 892 3.out	1763.9	0.417	0.35	2.01	205	0	693 IV6	1	IVLNSM*WSQSPSMRRR	15	NP_149790.1	327R	0.9903
44	2007-09-14-09 2884 2884 3.out	2496.1	0.328	0.4	2.01	131	0	Nosema	1	SPDVFDTAEVYEFKFM*CNNDK	22	ABO69725.1	unknown	0.9748
16	2007-09-14-09 1173 1173 3.out	1724.9	0.437	0.5	1.94	310	0	Nosema	1	FNLTDCVLUHADAIHR	15	AAT2743.1	translation elongation factor 2	0.9876
20	2007-09-14-09 4499 4499 3.out	1749.9	0.88	0.45	1.93	330	1	0199 IV6	1	IFYLSKVNMLCQYK	14	NP_149711.1	248R	0.9971
33	2007-09-14-09 3184 3184 3.out	1965.1	1.968	0.44	1.89	214	0	693 IV6	1	1EAPVKKDCALLPVVNNR	18	NP_149647.1	184R	0.9721
22	2007-09-14-09 1625 1625 3.out	1782.0	0.591	0.46	1.86	243	0	1APV 1APV	2	TATGIERIPVIGEIAK	17	YP_001040003.1	structural polyprotein	0.9757
25	2007-09-14-09 3671 3671 3.out	1790.9	1.121	0.45	1.82	320	0	693 Nosema	1	SYELPQDGQVIGKIGSER	16	AAB86863.1	actin	0.9857
27	2007-09-14-09 3830 3830 3.out	1799.9	1.563	0.56	1.8	201	0	IV6	1	1KVKTGNVGNYSYDK	15	NP_149524.1	061R	0.9741
12	2007-09-14-09 3002 3002 3.out	1680.9	1.078	0.53	1.77	233	0	IV6	1	1PFVHVELPSSINWR	14	NP_149500.1	037L	0.9691
1	2007-09-14-09 1013 1013 1.out	817.4	0.072	0.25	1.74	300	0	Nosema	1	1NESNLK	7	ABE27273.1	unknown	1
17	2007-09-14-09 1280 1280 3.out	1733.9	0.539	0.45	1.72	293	0	IV6	1	M'IFIFLTWFOYLSLSR	15	NP_149496.1	033L	0.9826
34	2007-09-14-09 2675 2675 3.out	2001.1	1.141	0.42	1.7	223	0	IV6	1	1WKIGNYVVPLTDEIIK	17	NP_149500.1	037L	0.9827
30	2007-09-14-09 1682 1682 3.out	1849.1	1.953	0.42	1.68	230	0	Nosema	1	1SARTAKFVLEIICR	16	ABE26648.1	pol polyprotein	0.9527
38	2007-09-14-09 4988 4988 3.out	2267.2	0.581	0.5	1.68	235	0	IV6	1	1FGHSNPIRYPYRNPK	19	NP_149628.1	165R	0.9977
32	2007-09-14-09 2844 2844 3.out	1928.1	1.712	0.42	1.67	82	2	639 IV6	1	1YNLALELLSILM*HR	17	NP_149884.1	421L	0.9688
18	2007-09-14-09 4310 4310 3.out	1740.9	0.84	0.39	1.63									

Test 20

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	Nc	Peptide	AA	ID#	Protein	PP
50	2007-09-14-12_3882_3882_3.out	1938.9	1.26	0.6	2.85	398	0	Nosema	1	KASGNLDDLDVMLSGEK	18	ABY49795.1	hypothetical spore wall protein 13	0.9952
22	2007-09-14-12_4715_4715_2.out	1614.9	0.647	0.34	2.33	454	0	IVV6	1	TILTTKVONINIEK	14	NP_149513.1	050L	0.9546
34	2007-09-14-12_3052_3052_3.out	1738.9	1.589	0.54	2.33	177	1.386	Nosema	1	VPVASPAFM*EKKNK	16	ABE26651.1	pol polyprotein	0.9913
20	2007-09-14-12_3862_3862_2.out	1543.8	1.474	0.33	2.25	413	0	Nosema	1	EVVKDPEVEVDQTR	13	ABY49795.1	hypothetical spore wall protein 13	0.9812
67	2007-09-14-12_3652_3652_3.out	2536.4	0.895	0.51	2.23	259	0	Nosema	1	NTNRSVTFLIKGELQMCNVINIR	23	ABE27273.1	unknown	1
48	2007-09-14-12_2940_2940_3.out	1906.9	0.922	0.68	2.2	375	0	Nosema	1	NKMM*VCEODNNRQPVK	17	AAD12605.1	RNA polymerase II largest subunit	0.9814
18	2007-09-14-12_3552_3552_2.out	1498.8	1.342	0.43	2.14	494	0	IVV6	1	EFICFYREGIKK	12	NP_149500.1	037L	0.9891
19	2007-09-14-12_3560_3560_2.out	1501.1	1.276	0.32	2.1	663	0	IVV6	1	ILYLLSTPKIVIK	13	NP_149557.1	094L	0.9685
8	2007-09-14-12_2779_2779_2.out	1190.6	0.654	0.41	2.06	405	0	IVV6	1	EFNNILQGQK	10	NP_149821.1	358L	0.9619
62	2007-09-14-12_4979_4979_3.out	2306.1	1.405	0.62	2.03	207	0	IVV6	1	SVIHTSNM*VM*FDHEGKIHK	21	NP_149608.1	045L	0.9967
13	2007-09-14-12_3065_3065_2.out	1226.7	0.167	0.48	2	789	0	Nosema	1	NAGKAGLDVLR	12	BAF76326.1	heat shock protein 70	0.9595
33	2007-09-14-12_3724_3724_2.out	1734.9	1.316	0.49	2	257	0	IVV6	1	DVPIGNDFDKATITTK	16	NP_149794.1	335L	0.9504
54	2007-09-14-12_2106_2106_3.out	2049.1	1.333	0.32	1.97	136	0	Nosema	1	MPFGILTNPATFQCLM*YK	19	ABE26649.1	pol polyprotein	0.9548
16	2007-09-14-12_5046_5046_2.out	1230.7	0.71	0.3	1.94	336	0	IVV6	1	DKNIAIDLNSK	11	NP_149883.1	420R	0.972
59	2007-09-14-12_2990_2990_3.out	2194.1	0.899	0.54	1.92	108	1.099	IVV6	1	INKSHMYDILGSYLYYYQK	17	NP_149657.1	044R	0.9763
4	2007-09-14-12_2143_2143_2.out	1119.6	0.841	0.45	1.91	438	0	IVV6	1	QTNPKEFKK	9	NP_149788.1	325L	0.9666
6	2007-09-14-12_4681_4681_2.out	1145.7	0.51	0.32	1.89	294	0	IVV6	1	DLTLICKLAR	10	NP_149768.1	305L	0.9792
23	2007-09-14-12_3047_3047_2.out	1630.8	1.506	0.33	1.88	311	0	IVV6	1	QENMLIESHNM*LR	14	NP_149463.1	468L	0.9572
3	2007-09-14-12_2102_2102_3.out	1117.6	0.666	0.39	1.82	358	0.693	Nosema	1	LNMP*DALLSK	11	AAB28548.1	glutamyl-tRNA synthetase	0.9915
9	2007-09-14-12_4787_4787_2.out	1190.7	0.256	0.34	1.82	332	0	Nosema	1	1RFACAVLAAR	11	AAL28056.1	AF406785_5 unknown	0.9917
10	2007-09-14-12_3307_3307_2.out	1205.7	0.579	0.46	1.81	260	0	IVV6	1	VDVSTQTKTVK	11	NP_149665.1	192R	0.989
5	2007-09-14-12_4465_4465_2.out	1136.6	1.02	0.33	1.78	226	0	IVV6	1	LNLNVRDFMK	9	NP_149681.1	218R	0.9862
32	2007-09-14-12_2881_2881_3.out	1732.9	0.329	0.48	1.75	171	0	IVV6	1	KCIGNIVNLVTEIM*R	16	NP_149493.1	030L	0.9998
14	2007-09-14-12_2776_2776_2.out	1228.7	1.471	0.43	1.72	400	0	IVV6	1	KIPPIDDFKR	10	NP_149530.1	067R	0.9658
1	2007-09-14-12_2614_2614_1.out	700.5	0.081	0.2	1.71	428	0	Nosema	1	VXDIHK	6	ABM26977.1	RNA polymerase II largest subunit	1
28	2007-09-14-12_4926_4926_3.out	1704.3	1.313	0.35	1.69	255	0.693	IVV6	1	NLPLYSVTKTHIYK	14	NP_149792.1	329R	0.9826
11	2007-09-14-12_2504_2504_2.out	1210.6	0.4	0.38	1.67	306	0	Nosema	1	M*NRTKEFLR	10	AB069723.1	unknown	0.9616
49	2007-09-14-12_4423_4423_3.out	1934.9	0.124	0.43	1.67	336	0	IVV6	1	FVSTLDEITEMFFNNK	16	NP_149485.1	022L	0.9583
17	2007-09-14-12_2784_2784_2.out	1432.8	0.446	0.54	1.65	124	0	Nosema	1	GAAEIFLNSKIR	13	BAF76326.1	heat shock protein 70	0.9901
51	2007-09-14-12_6182_6182_3.out	1946.2	0.4	1.63	322	0	IVV6	1	FQMYAGELGYDPSKLVK	17	NP_149639.1	176R	0.9961	
60	2007-09-14-12_2450_2452_3.out	2195.0	0.814	0.37	1.61	206	0	IVV6	1	FNFAGNNVCDITYESIMK	19	NP_149675.1	212L	0.957
65	2007-09-14-12_3814_3814_3.out	2542.3	1.095	0.4	1.59	347	0	Nosema	1	EGLFEEFLRMPFGLVNGPATQR	23	ABE26655.1	pol polyprotein	0.9896
40	2007-09-14-12_4699_4699_3.out	1803.0	0.307	0.41	1.58	182	1.386	IVV6	1	MPRSWWIFEGKPR	14	NP_149593.1	130R	0.996
46	2007-09-14-12_3977_3977_3.out	1843.0	0.03	0.48	1.58	190	1.386	IVV6	1	LELDVPPPLTSQDFGNIR	17	NP_149772.1	309L	0.999
2	2007-09-14-12_2208_2208_2.out	1103.5	0.762	0.4	1.57	291	0	BQCV BQCV BQCV BQCV	4	YDQDPLPFR	8	ABC95162.1	structural polyprotein	0.9791
24	2007-09-14-12_4626_4626_3.out	1658.9	1.072	0.42	1.57	133	2.079	BQCV	1	VM*LGSSFLPLTLNPTR	16	NP_620565.1	structural polyprotein	0.9528
56	2007-09-14-12_4349_4349_3.out	2075.9	0.651	0.38	1.56	1224	0	Nosema	1	FNEOCGREM*EVLMMSMKK	18	ABV48900.1	hypothetical spore wall protein	0.9817
21	2007-09-14-12_2623_2623_2.out	1612.8	0.595	0.5	1.55	94	0.693	KBVIKBV	2	HFQTAESM*SKFKR	14	NP_851403.1	non-structural polyprotein	0.9874
53	2007-09-14-12_4782_4783_3.out	2009.1	1.624	0.51	1.54	30	3.638	IVV6	1	SGYATARPLWNEWKICGK	17	NP_149485.1	022L	0.9871
29	2007-09-14-12_6210_6210_3.out	1713.8	1.27	0.42	1.53	239	0	Nosema	1	M*SGHGSPTNM*KFM*LK	18	ABE26654.1	pol polyprotein	0.9742
30	2007-09-14-12_3292_3292_2.out	1714.8	1.401	0.49	1.53	542	0	DWV DWV DWV DWV Kakugol DV	7	TDLM*EM*GSNPYIRR	16	NP_853560.2	polyprotein	1
38	2007-09-14-12_5767_5767_3.out	1783.8	0.526	0.44	1.53	301	0	MSCUT	1	INF*PGGGISKFGGEDVR	18	ABQ96192.1	vesa	0.987
63	2007-09-14-12_3095_3095_3.out	2335.2	0.662	0.41	1.5	339	0	IVV6	1	PSIVAE*PDIKPNQVM*VHLGK	23	NP_149864.1	401R	0.9696

Test 21

Sr No	File Name	(M+H)	*M	*Cn	Xcorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
46	2007-09-14-13 3484 3484 2 out	1790.9	0.349	0.56	2.76	552	0	No	1	SYELPDGQVKIGSER	16	AAB86863.1	actin	1
18	2007-09-14-13 5087 5087 2 out	1614.9	0.364	0.47	2.52	323	0	No	2	TILTTKVONNIEK	14	NP_149713.1	050L	0.9589
13	2007-09-14-13 2541 2541 2 out	1344.7	1.507	0.28	2.5	383	0	No	3	IENENNLLEEK	11	NP_149776.1	313L	0.9931
4	2007-09-14-13 1572 1572 2 out	1171.6	0.409	0.71	2.32	604	0	No	4	HKGVVMGQGOK	11	AAB86863.1	actin	0.9861
12	2007-09-14-13 3401 3401 2 out	1332.8	1.595	0.42	2.25	251	0.693	No	5	VESSIQSTKIK	12	ABE27277.1	unknown	0.9932
16	2007-09-14-13 3746 3746 2 out	1498.8	1.361	0.46	2.25	619	0	No	6	EIFICYREGIKK	12	NP_149500.1	037L	0.9917
32	2007-09-14-13 6155 6155 3 out	1717.0	0.986	0.5	2.23	316	0	No	7	TJUFKTKDYSFIK	14	NP_149716.1	253L	0.9877
30	2007-09-14-13 3548 3548 2 out	1703.8	0.745	0.41	2.19	114	0	No	8	LCFNNVYSGNTLDK	15	NP_149593.1	130R	0.9534
84	2007-09-14-13 6690 6690 3 out	2303.2	0.356	0.39	2.09	302	0	S	9	VMMMAATTFGHLARVYEPPR	20	AAL79021.1	AF469603.1 polyprotein	0.9895
5	2007-09-14-13 2360 2360 2 out	1203.6	0.423	0.35	2.08	581	0	ABPV	10	NNSNKMATPVK	11	NP_066242.1	capsid protein	0.9947
14	2007-09-14-13 4788 4788 2 out	1377.7	0.405	0.4	2.06	235	0	No	11	NEENNNSVGRTOQM	12	NP_149530.1	067R	0.9953
21	2007-09-14-13 6707 6707 3 out	1665.8	1.923	0.45	2.05	146	2.398	No	12	LNLYLAFNSFGYNSR	14	ABO69717.1	unknown	0.9911
71	2007-09-14-13 6108 6108 3 out	2033.0	0.349	0.49	2.04	260	0	No	13	FDYDRDSTDPIERYK	16	NP_149692.1	229L	0.9855
19	2007-09-14-13 3248 3248 2 out	1630.8	1.439	0.38	2.03	363	0	No	14	QENMLIESHNM'LR	14	NP_149463.1	468L	0.9809
90	2007-09-14-13 5371 5371 3 out	2655.2	0.142	0.39	2.03	75	2.708	No	15	STRINYLPPSSQSCAPPQSHADCDK	24	NP_149800.1	337L	0.9835
8	2007-09-14-13 3583 3583 2 out	1266.6	0.775	0.35	1.99	608	0	No	16	DKMQLQYVEDK	10	NP_149676.1	213R	0.9598
6	2007-09-14-13 3485 3485 2 out	1205.7	1.121	0.48	1.97	292	0	No	17	VDVSTQTKTVK	11	NP_149655.1	192R	0.9896
1	2007-09-14-13 3496 3496 2 out	1102.7	0.677	0.46	1.92	611	0	No	18	PLK5SILYR	9	ABO69724.1	unknown	0.9965
83	2007-09-14-13 5491 5491 3 out	2299.2	0.875	0.43	1.9	312	0.693	No	19	1DVSSLKSCCEEIPNYDK	20	NP_149877.1	414L	0.9772
65	2007-09-14-13 6674 6674 3 out	1995.9	1.414	0.51	1.88	258	0	No	20	YIENEEIFPQYDK	16	ABE27257.1	unknown	0.9999
72	2007-09-14-13 6674 6674 3 out	2057.0	0.836	0.34	1.88	196	0.693	No	21	IEVSVSNOHIGTVAAALCSK	20	AAT7743.1	translation elongation factor 2	0.9783
80	2007-09-14-13 6328 6328 3 out	2197.2	1.836	0.4	1.88	167	0	No	22	1RRLSEATAVLAEWALEIR	19	AAL28056.1	AF406785.5 unknown	0.9997
42	2007-09-14-13 4159 4159 2 out	1769.1	1.35	0.61	1.87	145	0	No	23	LPNIVPPSDGKSTTSK	17	NP_149824.1	361L	0.9997
9	2007-09-14-13 3739 3739 2 out	1285.7	0.484	0.56	1.86	137	0	No	24	1EAQKEKIGNR	11	NP_149612.1	149L	0.9707
15	2007-09-14-13 4270 4270 2 out	1476.8	0.783	0.38	1.85	271	0	No	25	1EVSEENRLMLTLLK	13	NP_149891.1	428L	0.9644
10	2007-09-14-13 2570 2570 2 out	1293.7	1.79	0.44	1.83	452	0	No	26	1KSIVEVSOYK	11	NP_149500.1	037L	0.9584
40	2007-09-14-13 2759 2759 3 out	1757.9	0.463	0.48	1.83	131	0.693	No	27	1WGAPEDTPLFRLLDK	15	NP_149576.1	113L	0.9899
57	2007-09-14-13 3124 3124 3 out	1906.9	0.546	0.48	1.83	271	0	No	28	1NKKMIVCEDCNRQPVK	17	AAD12605.1	RNA polymerase II largest subunit	0.9689
45	2007-09-14-13 2124 2124 2 out	1782.1	1.65	0.44	1.81	208	0	ABPV	29	1GLEISRNIAEELPLPKT	16	NP_066241.1	replicase polyprotein	0.9924
78	2007-09-14-13 5839 5839 3 out	1931.1	1.45	0.34	1.8	348	0	BOCVIBQCVIBQCV	30	EVODGTAFLNARSIEEDSLL	20	NP_620565.1	structural polyprotein	0.9991
31	2007-09-14-13 6259 6259 3 out	1712.9	1.215	0.41	1.79	343	0	No	31	QALLNTAGSSIM'YLSK	17	NP_149618.1	155R	0.9725
56	2007-09-14-13 2129 2129 3 out	1879.9	0.423	0.56	1.78	97	1.386	No	32	1IDLGYGRMLNDVGG	18	AAL28057.1	AF406785.6 calmodulin-dependent protein kinase	0.9897
39	2007-09-14-13 3265 3265 3 out	1756.8	0.231	0.35	1.76	670	0	VDV1/VDV1	33	2RSSLCEQYIPPSR	15	YP_146791.1	polyprotein	0.9945
17	2007-09-14-13 3862 3862 2 out	1504.8	1.471	0.41	1.75	220	0	No	34	1PINVITESNAYRK	13	NP_149612.1	149L	0.9611
50	2007-09-14-13 4260 4260 3 out	1801.9	1.088	0.49	1.72	112	1.792	No	35	1ELFDLRSILYRNFNR	14	NP_149883.1	420R	0.9594
60	2007-09-14-13 6752 6752 3 out	1915.1	1.444	0.46	1.75	365	0	No	36	1DELAGTGEIEGDKAKR	18	ABY49795.1	hypothetical spore wall protein 13	0.9755
66	2007-09-14-13 6409 6409 3 out	1999.1	1.334	0.47	1.75	181	0.693	No	37	1EFEFLHLLSKSPNVSLLTK	18	NP_149664.1	201R	0.9993
87	2007-09-14-13 3489 3489 3 out	2541.2	1.801	0.52	1.74	150	0	No	38	1NKFLHTSISGGDQLKEVECLR	22	ABV48890.1	hypothetical spore wall protein	0.9826
26	2007-09-14-13 3639 3639 3 out	1686.8	1.798	0.4	1.72	294	0.693	No	39	1GKYSWNGIYKDIKID	14	ABE26653.1	pep polyprotein	0.9502
38	2007-09-14-13 6820 6820 3 out	1743.8	1.962	0.34	1.72	378	0	No	40	1SKGVMLCWLCDEIESK	16	ABE27267.1	unknown	0.9934
41	2007-09-14-13 856 856 3 out	1763.9	0.027	0.43	1.72	194	0	No	42	1NVLSM'WSQPSMRR	15	NP_149790.1	327R	0.9975
44	2007-09-14-13 1777 1777 3 out	1778.9	1.785	0.36	1.71	99	0.693	No	43	1PTKDMWLT'CVGRNPK	16	NP_149717.1	254L	0.9577
73	2007-09-14-13 2665 2665 3 out	2195.0	0.556	0.35	1.71	163	0	No	44	1FNFGAGNIVVCDITYSIMK	19	NP_149675.1	212L	0.9701
22	2007-09-14-13 4861 4861 3 out	1670.9	1.416	0.41	1.7	2639	0	No	45	1YLFNNASFLTVLR	14	NP_149815.1	135R	0.9516
7	2007-09-14-13 4810 4810 2 out	1230.7	0.985	0.43	1.69	277	0	No	46	1DKNAIDLNSK	11	NP_149883.1	420R	0.9789
61	2007-09-14-13 1258 1258 3 out	1932.1	0.803	0.39	1.69	69	2.197	No	47	1TLNKILQKHYIQR	15	NP_149781.1	318R	0.9995
86	2007-09-14-13 4121 4121 3 out	2397.2	0.114	0.44	1.69	196	0	No	48	1SNXWVILVHGMTLSMRSIUEK	21	AAB27270.1	unknown	0.9864
58	2007-09-14-13 5227 5227 3 out	1911.1	1.217	0.39	1.68	321	0	No	49	1EEWARKIMFYGPLDK	15	AAT7743.1	translation elongation factor 2	0.9556
69	2007-09-14-13 3226 3226 3 out	2027.1	0.674	0.58	1.66	89	0	No	50	1NVIDAISQHETTEDTLK	18	NP_149585.1	122R	0.9562
51	2007-09-14-13 3152 3152 3 out	1826.0	0.806	0.36	1.64	422	0	DWV	51	1PEMORILNLAEGLINK	16	ABB36638.1	polyprotein	0.9882
23	2007-09-14-13 3730 3730 3 out	1675.1	1.819	0.46	1.63	528	0	No	52	1PFANLISVNLNPKS	15	NP_149508.1	045L	0.9921
11	2007-09-14-13 2563 2563 2 out	1323.5	0.51	0.52	1.62	181	0	No	53	1EDDESEKNDKKD	11	ABV48893.1	hypothetical spore wall protein	0.9965
29	2007-09-14-13 5684 5684 3 out	1701.8	1.769	0.41	1.61	134	2.485	DWV/DWV/DWV/DWV/Kakugo/VDV1	54	1ECLYDLPKFRMR	14	NP_83560.2	polyprotein	0.9997
24	2007-09-14-13 1514 1514 3 out	1679.9	1.626	0.47	1.58	129	0.693	No	55	1GNKNDLVLVYFLGFLNK	15	ABE26649.1	poly polyprotein	0.9885
48	2007-09-14-13 814 814 3 out	1795.9	1.049	0.37	1.58	208	0	No	56	1MIKMLMSTDIEK	15	ABE27271.1	unknown	0.9859
81	2007-09-14-13 4950 4950 3 out	2267.2	0.979	0.53	1.58	116	0	No	57	1FGHSNPPIRYNPIRYNPK	19	NP_149628.1	165R	0.9925
33	2007-09-14-13 5826 5826 3 out	1730.8	1.796	0.47	1.55	207	0.693	No	58	1ESFGFNPYHYLMEK	14	AAT7743.1	translation elongation factor 2	0.9998
70	2007-09-14-13 2857 2857 3 out	2029.1	1.39	0.7	1.55	71	0	No	59	1VSF1SVSLICFASGDVGK	20	NP_149768.1	305L	0.9564
28	2007-09-14-13 2411 2411 3 out	1697.9	1.689	0.42	1.54	115	1.099	No	60	1LKKFNAHIDCPGK	15	AAS16360.1	translation elongation factor 1 alpha	0.9528
77	2007-09-14-13 6058 6058 3 out	2166.1	0.751	0.44	1.54	90	1.386	No	61	1SAEDNLIFDEMVRGGMR	19	AAB62549.1	glutamyl-tRNA synthetase	0.9999
52	2007-09-14-13 1314 1314 3 out	1829.8	1.362	0.47	1.52	115	1.386	BKV/BKV/BKV/BKV	62	1DENTISFFDSGDPER	16	YP_308663.1	V/P	0.9866
55	2007-09-14-13 2861 2861 3 out	1849.0	0.357	0.48	1.51	228	0	No	63	1LDSKR1GLIMDFNPPIK	16	NP_149642.1	179R	0.977
64	2007-09-14-13 6770 6770 3 out	1995.1	1.563	0.4	1.71	0	0.693	No	65	1TDLPLVMGLSDKVYNDK	17	NP_149668.1	205R	0.9775
36	2007-09-14-13 2581 2581 3 out	1739.9	0.477	0.38	1.5	138	0	No	66	1LQMLFPPIPHM'TRKK	15	NP_149599.1	136R	0.9711

Test 22

Sr No	File Name	(M+H)	*M	*Cn	Xcorr	Sp	RSp	Reference	No	Peptide
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Test 22A

Sr No	File Name	(M+H)	ΔM	ΔCn	Xcorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
76	2007-08-16-06 3041 3041 2.out	1790.9	0.611	0.63	3.51	811	0	Nosema	1	SYELPDGQVIKIGSER	16	AAB86863.1	actin	0.9955
54	2007-08-16-06 2966 2966 2.out	1329.8	1.51	0.47	2.7	645	0	IV6	1	VEKGLSISQIKK	12	NP_149608.1	145L	0.9748
11	2007-08-16-06 782 782 2.out	875.4	0.179	0	2.44	415	0	Nosema	1	EIEDEIK	7	ABE27271.1	unknown	0.9577
47	2007-08-16-06 656 656 2.out	1292.7	0.429	0.43	2.31	281	0	IV6	1	STDQTQTISAK	12	NP_149523.1	060L	0.993
60	2007-08-16-06 2774 2774 2.out	1358.6	1.438	0.17	2.3	475	0	ABPV	1	LNDFLMDYAEK	11	NP_066241.1	replicase polyprotein	0.9839
51	2007-08-16-06 2883 2883 2.out	1320.7	0.649	0.27	2.15	288	0	IV6	1	VOFNDTNLKNK	11	NP_149652.1	389L	0.9867
62	2007-08-16-06 2801 2801 2.out	1392.8	0.46	0.22	2.13	560	0	Nosema	1	SLIM*KANMILDK	13	ABV48894.1	hypothetical spore wall protein	0.9948
28	2007-08-16-06 1011 1011 2.out	1066.6	0.253	0.18	2.12	264	0	IV6	1	KFIDM*LKR	9	NP_149701.1	238R	0.9813
66	2007-08-16-06 2903 2903 3.out	1451.7	1.701	0.34	2.12	462	0	Kakugo	1	1PM*CPRSPM*LLFK	14	YP_015694.1	polyprotein	1
4	2007-08-16-06 579 579 2.out	759.5	0.248	0.06	2.09	270	0.693	IV6	1	KNKEIK	6	NP_149864.1	401R	0.9937
37	2007-08-16-06 665 665 2.out	1108.6	1.56	0.35	2.09	223	1.099	SV	1	VGM*DSIER	10	AAL79021.1	AF469603.1 polyprotein	0.9911
69	2007-08-16-06 3246 3246 2.out	1498.8	0.501	0.4	2.08	502	0.693	IV6	1	EIFCYREGIKK	12	NP_149500.1	037L	1
77	2007-08-16-06 2564 2564 2.out	1826.9	0.563	0.16	2.07	325	0	Nosema	1	SNSCYKVLHGMTLSMR	16	ABE27270.1	unknown	0.9732
43	2007-08-16-06 2834 2834 2.out	1213.7	1.863	0.19	2.03	283	0	IV6	1	ELNLLENNIKK	10	NP_149748.1	285L	0.9855
13	2007-08-16-06 554 554 2.out	932.5	0.065	0.2	1.97	252	1.099	IV6	1	NNNKDVTK	8	NP_149921.1	458R	0.9826
57	2007-08-16-06 2655 2655 2.out	1340.6	0.679	0.24	1.97	841	0	KBV*KBV	2	DMIEEAYQLTK	11	NP_851403.1	non-structural polyprotein	0.9629
59	2007-08-16-06 3128 3128 2.out	1350.8	0.581	0.15	1.96	503	0.693	IV6	1	FLETLKKPKDK	11	NP_149666.1	203L	0.9589
65	2007-08-16-06 2694 2694 2.out	1450.7	0.568	0.21	1.96	655	0	IV6	1	M*KQSKQDLDLNDK	13	NP_149879.1	416R	1
70	2007-08-16-06 2661 2661 2.out	1596.8	1.524	0.56	1.9	198	0	Nosema	1	EARFNEIKSEM*AR	14	BAC15534.1	elongation factor 1 alpha	0.9952
19	2007-08-16-06 2243 2243 2.out	964.6	1.594	0.18	1.89	384	0	IV6	1	FLSQTQTK	8	NP_149867.1	404L	0.9878
9	2007-08-16-06 692 692 2.out	815.5	1.317	0.21	1.87	223	1.946	IV6	1	KRSLSPK	7	NP_149829.1	366R	0.9686
73	2007-08-16-06 3222 3222 2.out	1638.9	1.464	0.32	1.86	99	1.792	IV6	1	VAOLQAFVAQKTDYK	15	NP_149508.1	045L	0.9611
6	2007-08-16-06 565 565 2.out	787.5	1.455	0.14	1.84	436	0	Nosema	1	KAAEKIK	7	BAF76326.1	heat shock protein 70	0.9967
30	2007-08-16-06 2181 2181 2.out	1070.5	0.402	0.17	1.83	192	0	IVPV APV	2	VCLV*HNDR	9	YP_001040002.1	polymerase polyprotein	0.9865
22	2007-08-16-06 691 691 2.out	1016.6	0.519	0.18	1.82	237	0.693	IV6	1	EAGLKVLMLR	9	NP_149716.1	253L	0.9699
46	2007-08-16-06 3659 3659 2.out	1280.8	1.233	0.58	1.8	327	0	IV6	1	YKLEIILFNK	10	NP_149544.1	081L	0.9931
8	2007-08-16-06 2487 2487 2.out	789.5	0.366	0.34	1.78	455	0	Nosema	1	YPKIR	6	AAC47660.1	mitochondrial-type HSP70	0.9976
71	2007-08-16-06 1313 1313 3.out	1606.8	1.142	0.4	1.77	95	1.386	IV6	1	TCGTTGLPMTQNEIK	15	NP_149501.1	037L	0.9697
18	2007-08-16-06 591 591 2.out	960.5	0.063	0.18	1.76	265	0	Nosema	1	SDEDIEK	8	ABM26980.1	RNA polymerase II largest subunit	0.9893
48	2007-08-16-06 3164 3164 2.out	1300.8	0.815	0.36	1.76	89	2.079	Nosema	1	WKEGTAVLRLK	11	AAB62548.1	glutaminyl-tRNA synthetase	0.9758
68	2007-08-16-06 2682 2682 2.out	1459.8	0.422	0.44	1.74	469	0	IV6	1	M*PHVYVVKSPMR	13	NP_149567.1	104L	0.9554
23	2007-08-16-06 2697 2697 2.out	1030.6	0.406	0.39	1.73	233	0	IV6	1	VLKVMVGER	9	NP_149485.1	022L	0.9878
24	2007-08-16-06 511 511 2.out	1032.6	0.713	0.19	1.72	261	0	IV6	1	EAGLKVLMLR	10	NP_149716.1	253L	0.9637
72	2007-08-16-06 2163 2163 3.out	1615.8	1.136	0.4	1.72	434	0	IV6	1	VSGEGEHKLDDYIR	14	NP_149475.1	012L	0.9512
78	2007-08-16-06 2567 2567 2.out	1913.9	0.674	0.32	1.69	102	0.693	Nosema	1	AEPTRHHDRYAYIER	15	ABV48889.1	spore wall protein	0.9677
3	2007-08-16-06 613 613 2.out	753.4	0.521	0.19	1.68	213	0.693	IV6	1	QAFIFK	6	NP_149735.1	272L	0.9815
53	2007-08-16-06 2814 2814 2.out	1327.7	1.768	0.26	1.67	261	0	IVPV APV	2	KCVSKTYEEIK	11	YP_001040002.1	polymerase polyprotein	0.9656
32	2007-08-16-06 1065 1065 2.out	1072.5	0.82	0.25	1.66	156	1.386	VDV1 VDV1	2	QM*DMYMLK	9	YP_145791.1	polyprotein	0.9815
33	2007-08-16-06 2125 2125 2.out	1088.6	0.63	0.26	1.66	223	0.693	KBV1 KBV1 KBV1 KBV	4	GGGEQMLNR	10	YP_308663.1	VP3	0.9607
58	2007-08-16-06 2995 2995 2.out	1344.7	1.938	0.27	1.65	281	0	Nosema	1	GVSTVVGIEQDIK	13	ABE27273.1	unknown	0.9856
14	2007-08-16-06 2735 2735 2.out	946.6	0.562	0.47	1.64	350	0	Nosema	1	LGFLKRGK	8	AAT12296.1	chromosome segregation protein	0.9854
52	2007-08-16-06 2419 2419 2.out	1326.8	1.582	0.33	1.62	125	1.099	ABPV ABPV ABPV KBV	9	PIEKVDQLKTR	11	ABO16543.1	nonstructural protein	0.9832
7	2007-08-16-06 1424 1424 2.out	789.4	0.294	0.28	1.59	305	0	Nosema	1	NLADTKK	7	AAQ91615.1	group II large subunit catalase	0.9929
41	2007-08-16-06 885 885 2.out	1183.6	0.769	0.27	1.55	97	1.609	Nosema	1	FISPTDYNVK	10	ABO69717.1	unknown	0.9584
55	2007-08-16-06 3632 3632 2.out	1332.8	0.277	0.28	1.53	153	0.693	Nosema	1	VESSIQSTKIK	12	ABE27277.1	unknown	0.959
17	2007-08-16-06 1070 1070 2.out	959.4	0.726	0.26	1.51	178	0	IV6	1	ETFFNSSK	8	NP_149483.1	020L	0.9895

Test 23

Sr No	File Name	(M+H)	ΔM	ΔCn	Xcorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2007-09-04-20 3155 3155 2.out	1614.9	1.318	0.28	1.96	687	0	IV6	1	TILTTKVONNIIEK	14	NP_149513.1	050L	0.9732
30	2007-09-04-20 3003 3003 3.out	2728.4	1.567	0.33	2.24	89	1.099	APV APV	2	STSENPKVGPISSEAVSGVKTANGIER	27	YP_001040003.1	structural polyprotein	0.9549
19	2007-09-04-20 5337 5337 3.out	2316.3	0.862	0.34	2.11	131	1.609	Nosema	1	IEVEDVYPSKELLDIVKAQLK	20	ABE26648.1	pol polyprotein	0.9744
18	2007-09-04-20 5520 5520 3.out	2147.2	0.455	0.51	2.07	156	1.386	Nosema	1	MPIVOKHKISGIGYVYTR	19	BAC15534.1	elongation factor 1 alpha	0.9926
14	2007-09-04-20 5360 5360 3.out	1797.9	0.538	0.35	2.04	449	0	IV6	1	QEGELLNTLQFDGQPR	16	NP_149758.1	295L	0.995
12	2007-09-04-20 5678 5678 2.out	1630.8	1.573	0.31	2.01	422	0	IV6	1	QENMILESHNM*LR	14	NP_149463.1	468L	0.9673
1	2007-09-04-20 2624 2624 1.out	700.5	1.112	0.17	1.98	417	0	Nosema	1	VXDIKK	6	ABM26977.1	RNA polymerase II largest subunit	0.9922
2	2007-09-04-20 2483 2483 2.out	912.5	0.593	0.65	1.96	799	0	IV6	1	WLIVEPR	7	NP_149675.1	212L	0.9976
6	2007-09-04-20 2489 2489 2.out	1493.9	0.226	0.5	1.94	127	0	IV6	1	ALDCLRKLPKSHLK	13	NP_149590.1	127L	0.9778
9	2007-09-04-20 2291 2291 2.out	1495.7	1.343	0.31	1.93	439	0	IV6	1	IFHNEKIVCSGSFQ	13	NP_149713.1	250L	0.978
25	2007-09-04-20 5171 5171 3.out	2552.5	1.523	0.34	1.91	156	1.099	Nosema	1	M*FLAVILVFLTKKILNSM*AR	24	AB28057.1	AF406785.6 calmodulin-dependent protein kinase	0.9831
21	2007-09-04-20 3476 3476 3.out	2427.2	0.145	0.35	1.86	229	0	Nosema	1	SIV'MNKYINFKDDIFTGLIHR	21	ABE27264.1	unknown	0.9977
26	2007-09-04-20 4644 4644 3.out	2673.5	0.891	0.37	1.8	76	1.792	IV6	1	TFKILNFVIFM*PFVFIFKFMK	22	NP_149511.1	048R	0.976
27	2007-09-04-20 5340 5340 3.out	2671.4	0.178	0.39	1.77	127	0.693	Nosema	1	TIQVARHPALLSEGVLYNSHIEK	23	AAT12295.1	phospholipase D	0.9897
17	2007-09-04-20 5340 5340 3.out	2145.2	0.897	0.37	1.74	241	0.693	KBV1 KBV1 KBV1 KBV1	4	TPQKYIKQWTL-PSTVLK	18	AAT76528.2	structural polyprotein	0.9962
15	2007-09-04-20 2744 2744 3.out	1990.1	1.472	0.34	1.73	133	0	VDV1 VDV1	2	TLWADLQRVGEISSTSVK	19	YP_145791.1	polyprotein	0.9768
23	2007-09-04-20 4718 4718 3.out	2540.2	1.429	0.45	1.62	152	1.792	IV6	1	VLPVNCLSSYEDQANNPFCRR	22	NP_149676.1	213R	0.9789
3	2007-09-04-20 2451 2451 2.out	920.5	1.674	0.41	1.58	520	0	Nosema	1	IMSEITVK	8	AAT727411</td		

Test 24

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
30	2007-09-14-15 3528 3528 2 out	1790.9	0.302	0.62	3.38	813	0	No	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0.9904
17	2007-09-14-15 3678 3678 2 out	1422.7	1.779	0.48	3.01	1124	0	No	1	NKLLNYLACNEK	12	ABE26651 1	pol polyprotein	0.988
41	2007-09-14-15 3593 3593 3 out	2110.1	1.755	0.37	2.71	250	0	No	1	ASLQKELEMQHNNLVR	18	AAT12296 1	chromosome segregation protein	0.9756
4	2007-09-14-15 3476 3476 2 out	1143.6	0.118	0.53	2.7	852	0	No	1	LAVNMVPFPR	10	AAN35161 1	beta-tubulin	0.9961
18	2007-09-14-15 4166 4166 2 out	1426.7	0.647	0.5	2.37	390	0	IV6	1	SIDLIMYEVSEK	12	NP_149485 1	022L	0.9868
21	2007-09-14-15 3959 3959 2 out	1616.9	0.255	0.3	2.32	328	0	693	1	TILTTKVQNNIEK	14	NP_149513 1	050L	0.9757
5	2007-09-14-15 774 774 2 out	1171.6	0.35	0.68	2.31	388	0	No	1	HKGVMVGMGQK	11	AAB86863 1	actin	0.9562
10	2007-09-14-15 2705 2705 2 out	1344.7	0.69	0.39	2.3	462	0	IV6	1	IEENNLEEK	11	NP_149776 1	313L	0.9959
12	2007-09-14-15 4433 4433 2 out	1377.7	1.62	0.48	2.24	185	0	IV6	1	NENNNSVGRQMK	12	NP_149530 1	067R	0.9597
29	2007-09-14-15 4303 4303 3 out	1783.0	0.046	0.45	2.11	263	0	IV6	1	TITLQLIETKYG'M'K	16	NP_149589 1	126R	0.998
6	2007-09-14-15 3721 3721 2 out	1213.7	1.65	0.29	2.06	307	0	IV6	1	ELNLENIKK	10	NP_149748 1	285L	0.9964
9	2007-09-14-15 1177 1177 2 out	1293.8	1.908	0.5	1.95	291	0	IV6	1	NLFVRFKELK	10	NP_149851 1	388R	0.997
11	2007-09-14-15 3668 3670 2 out	1358.8	0.889	0.4	1.92	323	0	No	1	ALVDTGTVNLIR	13	ABE26655 1	pol polyprotein	0.9948
23	2007-09-14-15 2754 2755 3 out	1696.9	0.691	0.4	1.9	262	0	IV6	1	KSTVLDYISGSNVVK	16	NP_149642 1	179R	0.9996
26	2007-09-14-15 3604 3604 3 out	1746.8	1.44	0.43	1.86	273	0	IV6	1	EEDEVYDFANNFVR	14	NP_149731 1	268L	0.9947
1	2007-09-14-15 687 687 1 out	703.4	1.1	0.14	1.85	197	0	693	1	TONIK	6	NP_149800 1	337L	1
31	2007-09-14-15 3227 3227 3 out	1826.0	0.746	0.42	1.84	335	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638 1	pol polyprotein	0.9999
22	2007-09-14-15 2845 2845 3 out	1659.8	0.466	0.48	1.83	358	0	No	1	GEDDLTYKSDIK	14	AAD2605 1	RNA polymerase II largest subunit	0.9933
2	2007-09-14-15 3562 3562 2 out	1102.7	0.563	0.49	1.82	559	0	No	1	PLKSIILYR	9	ABO69724 1	unknown	0.9953
27	2007-09-14-15 2934 2934 2 out	1755.8	0.419	0.45	1.78	379	0	DV1 DV1	2	RSSLECYIEPSTS	15	YP_145791 1	pol polyprotein	0.9884
8	2007-09-14-15 4306 4306 3 out	1230.7	1.161	0.42	1.72	219	0	IV6	1	DKNIAIDLNSK	11	NP_149883 1	420R	0.9568
19	2007-09-14-15 3074 3074 2 out	1485.9	0.227	0.42	1.69	673	0	No	1	SRRLTFIPLN	12	AAT12296 1	chromosome segregation protein	0.9965
33	2007-09-14-15 2894 2894 2 out	1849.0	0.129	0.47	1.67	166	0	IV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0.971
14	2007-09-14-15 3006 3006 2 out	1389.7	1.512	0.49	1.63	192	0	DV1 DV1	2	NVLIECKANEK	12	YP_145791 1	pol polyprotein	0.9964
25	2007-09-14-15 4360 4360 3 out	1728.1	1.34	0.39	1.62	527	0	No	1	NLKADLNAIWAWSKGK	16	ABM26981 1	RNA polymerase II largest subunit	0.9737
20	2007-09-14-15 3596 3596 2 out	1516.8	0.456	0.48	1.6	160	0	IV6	1	HCLPFLNYQR	12	NP_149487 1	024L	0.985
28	2007-09-14-15 720 720 3 out	1756.9	1.721	0.46	1.6	204	0	No	1	NALRTACLHDCEVR	15	AAT12295 1	phospholipase D	0.999
3	2007-09-14-15 3684 3684 2 out	1122.5	0.602	0.42	1.58	217	0	693	1	SLMGNCPSSVK	11	NP_149555 1	092R	0.9829

Test 25

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
29	2007-09-14-16 3605 3605 2 out	1790.9	0.303	0.63	3.3	727	0	No	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	0.9978	
9	2007-09-14-16 2693 2693 2 out	1344.7	1.543	0.36	2.39	411	0	IV6	1	IEENNLEEK	11	NP_149776 1	313L	0.9821	
13	2007-09-14-16 3834 3834 2 out	1614.9	0.131	0.33	2.36	630	0	IV6	1	TILTTKVQNNIEK	14	NP_149513 1	050L	0.963	
14	2007-09-14-16 3593 3593 3 out	1668.0	0.251	0.52	2.33	779	0	No	1	IKVIQEVQIDILEK	14	ABE27269 1	unknown	0.9901	
26	2007-09-14-16 2374 2374 3 out	1783.8	0.513	0.51	2.2	1234	0	No	1	RIDWSENQNMFSK	15	ABE26653 1	pol polyprotein	1	
32	2007-09-14-16 3281 3281 3 out	1829.9	0.156	0.33	2.15	384	0	IV6	1	DIDPDTIRSEYKSMK	15	NP_149530 1	067R	0.9909	
6	2007-09-14-16 3540 3540 2 out	1143.6	0.761	0.5	2.13	921	0	No	1	2LVNMVPFPR	10	AAN35161 1	beta-tubulin	0.9876	
23	2007-09-14-16 2885 2885 3 out	1755.8	0.75	0.54	2.13	802	0	DV1 DV1	2	RSSLECYIEPSTS	15	YP_145791 1	pol polyprotein	0.9982	
8	2007-09-14-16 624 624 2 out	1182.5	1.667	0.32	2.12	101	1	792 IV6	1	EMEQYNIQK	9	NP_149809 1	346R	0.9958	
19	2007-09-14-16 3398 3398 2 out	1691.9	1.872	0.4	2.09	245	0	No	1	ENIKWYITTINGPKTK	14	ABO69724 1	unknown	0.9831	
24	2007-09-14-16 2780 2780 3 out	1769.4	1.492	0.39	2.03	191	0	693	No	1	EAKTKVIAEGNCVAFK	17	BAC15534 1	elongation factor 1 alpha	0.9996
2	2007-09-14-16 2214 2214 1 out	715.4	0.277	0.16	2	319	0	IV6	1	NIIDK	6	NP_149495 1	032R	1	
12	2007-09-14-16 3659 3659 2 out	1608.9	1.662	0.44	1.96	382	0	IV6	1	VDEVLHKVDDVQTK	14	NP_149701 1	238R	0.9758	
15	2007-09-14-16 3840 3840 3 out	1676.7	1.217	0.36	1.94	297	0	693	1	EEYCLHNPNSPDCR	14	NP_149800 1	337L	0.9829	
21	2007-09-14-16 5146 5146 3 out	1734.1	1.552	0.48	1.92	311	0	IV6	1	ITKPIQNQLCFSITK	15	NP_149540 1	077L	0.9802	
46	2007-09-14-16 3676 3676 3 out	1245.2	1.043	0.38	1.88	329	0	IV6	1	HLDVAV*LASSEGVSVYFNDKK	23	NP_149508 1	045L	0.9672	
11	2007-09-14-16 3102 3102 2 out	1485.9	0.325	0.49	1.83	536	0	No	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0.9985	
39	2007-09-14-16 2410 2410 3 out	1987.1	1.004	0.43	1.81	208	0	DWV DWV	2	EXPSPISNRFAPLESLK	18	NP_853560 2	pol polyprotein	0.9914	
3	2007-09-14-16 3446 3446 4 out	1109.6	0.026	0.43	1.72	311	0	IV6	1	M*AM*RLRNTK	11	NP_149463 1	468L	0.9979	
18	2007-09-14-16 4989 4989 3 out	1688.8	1.439	0.51	1.68	273	0	IV6	1	FLEEAFFFFNIDVCK	15	NP_149564 1	101L	0.9994	
4	2007-09-14-16 3388 3388 2 out	1122.5	0.68	0.41	1.65	249	0	IV6	1	SLMGNCPSSVK	11	NP_149555 1	092R	0.9747	
42	2007-09-14-16 5828 5828 3 out	2075.9	0.208	0.4	1.65	670	0	No	1	FNEQCGREM*EVLMMSMKK	18	ABV48900 1	hypothetical spore wall protein	0.9997	
5	2007-09-14-16 2315 2315 2 out	1140.7	0.321	0.42	1.64	587	0	IV6	1	RTLPHYILK	9	NP_149639 1	176R	0.9985	
31	2007-09-14-16 3155 3155 3 out	1799.9	1.036	0.53	1.64	121	0	IV6	1	SVANDDDIQIPDLEKK	16	NP_149669 1	206R	0.9848	
25	2007-09-14-16 2605 2605 3 out	1774.8	0.891	0.41	1.61	139	0	693	No	1	DEDKWEWLTM*LYSK	15	ABE26648 1	pol polyprotein	0.9997
34	2007-09-14-16 3004 3004 3 out	1849.0	0.517	0.52	1.58	228	0	IV6	1	LDSKRTGLIMDFNNPK	16	NP_149642 1	179R	0.9897	
35	2007-09-14-16 4033 4033 3 out	1859.9	0.745	0.54	1.58	294	0	No	1	IDLRYSTWTWTVYR	14	AAT12295 1	phospholipase D	0.9984	
28	2007-09-14-16 6539 6539 3 out	1788.8	0.419	0.43	1.56	148	1	609	No	1	HGAGSAGERAKSTGEDMK	18	AAU11092 1	unknown	1
38	2007-09-14-16 4040 4040 3 out	1950.9	0.237	0.41	1.55	149	1	0999	DV1 DV1	2	CQHWWYAPLTAIYVDDR	16	YP_145791 1	pol polyprotein	0.9988
1	2007-09-14-16 2314 2314 1 out	713.5	0.93	0.18	1.54	336	0	IV6	1	LINLLK	6	NP_149877 1	414L	1	
17	2007-09-14-16 3221 3221 2 out	1683.9	0.472	0.43	1.54	147	0	IV6	1	QWKMEFLNLSFK	13	NP_149723 1	260R	0.9938	
16	2007-09-14-16 3810 3810 3 out	1679.9	1.247	0.43	1.51	160	1	0999	KBV KBV	2	TGM*EAM*IKRIGDLGR	17	NP_851403 1	non-structural polyprotein	0.9994
47	2007-09-14-16 3184 3184 3 out	2751.4	0.953	0.5	1.5	98	1	0999	No	1	M*EIGLIGIGNM*GRELALNINDKGYK	27	ABO69727 1	unknown	0.9625

Test 26

Sr No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2007-09-04-21 992 992 2.out	1117.6	0.809	0.56	2.82	857	0	SV S S S S S S S S S S S S S S S	21	VNLNLHEYT	9	NP_049374_1	polyprotein	1
65	2007-09-04-21 4863 4863 3.out	2502.3	1.753	0.45	2.37	374	0	IV V	1	IDEIVIPKEIAQSLTFDPDFVNK	22	NP_149639_1	176R	0.9751
61	2007-09-04-21 4492 4492 3.out	2310.1	0.347	0.39	2.29	253	0	Nosema	1	TGELAVALDLCGRM'SERHVR	22	AAT12294_1	beta transducin repeat containing protein-like	0.9906
38	2007-09-04-21 4600 4600 2.out	1614.9	1.467	0.29	2.28	344	0	IV V	1	TILTTKVNINER	14	NP_149513_1	050L	0.991
62	2007-09-04-21 3422 3422 3.out	2332.1	1.128	0.42	2.19	142	1.386	Nosema	1	RCSFEETVEELLEASCAER	20	AAD12605_1	RNA polymerase II largest subunit	0.9504
23	2007-09-04-21 1911 1911 3.out	1260.7	0.144	0.33	2.14	523	0.693	IV V	1	EM'LLLPNESAK	12	NP_149674_1	211L	0.9896
15	2007-09-04-21 1894 1894 2.out	1164.6	0.48	0.49	2.11	513	0	Nosema	1	KESSELTHEK	10	ABV48896_1	hypothetical spore wall protein	0.9919
59	2007-09-04-21 5480 5480 3.out	2145.1	1.663	0.34	2.11	267	0	IV V	1	EEDTQKIDVLDQHEDLK	18	NP_149611_1	148R	0.9924
26	2007-09-04-21 2236 2236 2.out	1344.7	1.576	0.31	2.08	425	0.693	IV V	1	IEENNNLLEI	11	NP_149776_1	313L	0.9547
67	2007-09-04-21 3479 3479 3.out	2669.3	0.764	0.57	2.04	95	1.609	APV IAPV	2	KSTAKFVESDPNDVDTMOMVVK	23	YP_001040002_1	polymerase polyprotein	0.9511
58	2007-09-04-21 5438 5439 3.out	2144.1	1.602	0.45	2.02	107	1.386	SV S S S S S S S S S S S S S S S	17	TLVAAAGLVM'AVGSIFGM'YK	23	NP_049374_1	polyprotein	0.9583
66	2007-09-04-21 5267 5267 3.out	2628.3	1.611	0.4	1.99	178	0	IV V	1	HYVDPPLSNQDVGUSFVPCNDAK	20	NP_149750_1	0.9977	
19	2007-09-04-21 2045 2045 2.out	1232.6	1.379	0.35	1.98	238	0	KBV KBV KBV KBV KBV KBV	5	QVSM'QIATPNK	12	ABN19472_1	VP4 protein	0.955
33	2007-09-04-21 3575 3575 2.out	1474.7	0.877	0.33	1.96	281	0	IV V	1	Y'PM'DVYAN VDK	13	NP_149601_1	037L	0.9817
39	2007-09-04-21 3017 3017 2.out	1626	1.215	0.44	1.96	135	0	IV V	1	LTKLVNSGNARLVLK	15	NP_149639_1	176R	0.9933
50	2007-09-04-21 3185 3185 3.out	1844.1	1.232	0.34	1.95	334	0	IV V	1	KDQDIFACSLGLNPGK	17	NP_149695_1	232R	0.9588
4	2007-09-04-21 651 651 2.out	872.5	0.334	0.41	1.94	340	0	IV V	1	KGKNGIQK	8	NP_149852_1	389L	0.9913
64	2007-09-04-21 3809 3809 3.out	2470.2	1.996	0.45	1.9	230	0	Nosema	1	SSVPEKFYSWGDNLWDTLGR	21	ABE27270_1	unknown	0.9986
35	2007-09-04-21 4959 4959 2.out	1492.9	0.411	0.36	1.89	298	0	Nosema	1	VLDNRHLGSIKLK	13	BAF76326_1	heat shock protein 70	0.9954
3	2007-09-04-21 824 824 2.out	816.5	0.2	0.24	1.87	253	1.099	IV V	1	KDTIVLK	7	NP_149618_1	155L	0.9841
5	2007-09-04-21 2304 2304 2.out	912.5	0.454	0.69	1.86	766	0	IV V	1	WLV WVPR	7	NP_149675_1	212L	0.9943
40	2007-09-04-21 2888 2888 2.out	1630.8	0.735	0.33	1.84	361	0	IV V	1	QENMILIESHNM'LR	14	NP_149463_1	468L	0.9567
44	2007-09-04-21 1413 1413 3.out	1742.7	1.105	0.49	1.84	135	0	Nosema	1	HPECM'CPNSCEIHA	16	AAB62548_1	glutamyl-tRNA synthetase	0.9957
7	2007-09-04-21 1656 1656 2.out	923.4	1.24	0.26	1.82	535	0	Nosema	1	FDDTNPSK	8	AAB62549_1	glutamyl-tRNA synthetase	0.9704
68	2007-09-04-21 3137 3138 3.out	2804.5	0.451	0.37	1.81	103	0.693	IV V	1	ELIALVQLHHLRFEMHQHRLR	22	NP_149726_1	263L	0.986
47	2007-09-04-21 3359 3359 2.out	1767.1	1.74	0.39	1.81	101	0.693	Nosema	1	ITKLMFMSLSKLNK	15	ABE27273_1	unknown	0.9897
30	2007-09-04-21 1463 1463 3.out	1404.8	0.58	0.47	1.79	216	0	IV V	1	MTICIDQIGAGK	14	NP_149606_1	143R	0.9859
54	2007-09-04-21 3280 3280 3.out	1970.9	0.944	0.45	1.78	373	0	Nosema	1	AEVRSM'TETSMNQETIK	18	AABE26654_1	pol polyprotein	0.9577
53	2007-09-04-21 2818 2818 3.out	1955.2	0.089	0.42	1.76	190	0	IV V	1	MIVLFLAHLQKFLLR	16	NP_149845_1	382R	0.9901
27	2007-09-04-21 2813 2813 2.out	1366.7	1.438	0.3	1.74	978	0	IV V	1	INLVFDHHCIR	11	NP_149818_1	355R	1
8	2007-09-04-21 2562 2562 2.out	959.6	0.583	0.37	1.69	317	0	KBV KBV IAPV IAPV	4	EAALLAFPK	9	NP_851403_1	non-structural polyprotein	0.9916
36	2007-09-04-21 4821 4821 3.out	1536.8	1.118	0.36	1.69	244	0.693	IV V	1	SPKSM'TVQSIAFPK	15	NP_149829_1	366R	0.9805
22	2007-09-04-21 3084 3084 2.out	1255.7	1.595	0.39	1.68	194	0.693	IV V	1	MDFLFLTKL	10	NP_149587_1	124L	0.9951
63	2007-09-04-21 4845 4845 3.out	2433.2	1.75	0.37	1.66	222	0	IV V	1	KTGSIIITRLEWMGYSGEYK	21	NP_149883_1	420R	0.9836
14	2007-09-04-21 2164 2164 2.out	1154.6	1.421	0.38	1.65	116	1.609	IV V	1	QSO PNAALAR	11	NP_149695_1	232R	1
52	2007-09-04-21 3498 3498 2.out	1877.8	1.639	0.38	1.65	131	0.693	IV V	1	VGEDNOLLVAEDDSTD	17	NP_149792_1	329R	0.987
60	2007-09-04-21 2728 2728 3.out	2192.3	0.529	0.42	1.65	171	0	Nosema	1	RSTRDVVLMLGDFGYL	19	BAC75455_1	putative spore surface protein	0.9634
34	2007-09-04-21 3064 3064 2.out	1481.9	1.168	0.45	1.62	227	0.693	Nosema	1	LAKANATKCHIAK	14	ABE26648_1	pol polyprotein	0.9872
56	2007-09-04-21 4892 4892 3.out	2057	0.822	0.41	1.6	155	1.386	IV V	1	NSCSVITYNDITQRTK	18	NP_149513_1	050L	0.991
21	2007-09-04-21 2603 2603 2.out	1252.7	1.426	0.69	1.58	594	0	Nosema	1	YTK EWAEVVK	10	AAC41564_1	isoleucyl-tRNA synthetase	1
9	2007-09-04-21 849 849 2.out	1093.6	0.081	0.36	1.57	198	0.693	SV S S S S S S S S S S S S S S S	3	LSTLTSCKK	10	AAB7921_1	AF469603_1 polyprotein	0.993
10	2007-09-04-21 2162 2162 2.out	1103.5	0.26	0.34	1.56	294	0	BQC V BQC V BQC V BQC V	4	YDQYDPFR	8	ABC95162_1	structural polyprotein	0.969
45	2007-09-04-21 1764 1764 3.out	1746.9	1.938	0.42	1.55	257	0	IV V	1	YDESEMILQKYSK	14	NP_149813_1	350L	0.9864
55	2007-09-04-21 2908 2908 3.out	2001.1	0.818	0.38	1.55	223	0	IV V	1	FINL CPCXSYFKVVK	17	NP_149891_1	428L	0.968
20	2007-09-04-21 2148 2148 3.out	1240.7	1.112	0.6	1.54	304	0	IV V	1	GRIGGIVTLPGGR	13	NP_149676_1	213R	1
12	2007-09-04-21 4184 4184 2.out	1122.5	0.552	0.36	1.53	181	0	IV V	1	SLMGNCPPSSVK	11	NP_149555_1	092R	0.9681
17	2007-09-04-21 1037 1037 2.out	1192.6	1.225	0.35	1.53	105	0.693	Nosema	1	HLHAKCCPR	10	ABV48892_1	hypothetical spore wall protein	0.9888
28	2007-09-04-21 2878 2878 2.out	1378.8	1.978	0.52	1.53	173	0	APV IAPV	2	MASGVVYLQRVR	12	YP_001040002_1	polymerase polyprotein	0.9933
2	2007-09-04-21 795 795 2.out	724.4	0.245	0.44	1.51	356	0.693	IV V	1	KSF SK	6	NP_149824_1	361L	0.9857
24	2007-09-04-21 1762 1762 3.out	1293.7	1.625	0.38	1.5	118	0.693	IV V	1	EVAIDCQLFK	11	NP_149485_1	022L	0.9586
41	2007-09-04-21 1242 1242 3.out	1630.9	1.053	0.39	1.5	241	0	Nosema	1	QATDFLIAAEPSR	15	AAT12293_1	DNA repair helicase RAD25	0.9646

Test 27

Sr No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
37	2007-09-04-22 3108 3108 2.out	1790.9	1.654	0.61	2.83	565	0	Nosema	1	SYELPDGQVQKIGSER	16	AAB86863_1	actin	0.9786
1	2007-09-04-22 2503 2503 2.out	700.5	0.4	0.23	2.31	400	0	Nosema	1	V DIIK	6	ABM26977_1	RNA polymerase II largest subunit	0.9887
25	2007-09-04-22 3319 3319 2.out	1498.8	1.594	0.36	2.29	270	0	IV V	1	E FC CYREGIKK	12	NP_149500_1	037L	0.9884
40	2007-09-04-22 4370 4370 3.out	2652.3	0.538	0.37	1.95	207	0.693	Nosema	1	MR'DEYEAFDNYPVLTQYKK	22	AAF03091_1	AF144035_1 transcription initiation factor TF IID	0.9722
13	2007-09-04-22 2848 2848 2.out	1235.7	1.804	0.32	1.91	280	0	IV V	1	I FLDL MKKK	10	NP_149745_1	282R	0.989
17	2007-09-04-22 2943 2943 2.out	1377.7	0.596	0.35	1.89	193	0.693	IV V	1	NENNSVGRQTMQK	12	NP_149530_1	067R	0.9841
34	2007-09-04-22 3129 3130 2.out	1763.1	0.177	0.38	1.88	346	0	Nosema	1	RMFVLAVILFLITK	15	AAL28057_1	AF406785_6 calmodulin-dependent protein kinase	0.9904
20	2007-09-04-22 2419 2419 2.out	1413.9	0.275	0.34	1.86	187	1.609	Nosema	1	E V L K N K L K S S	12	ABV48897_1	hypothetical spore wall protein	0.9836
2	2007-09-04-22 2155 2155 1.out	713.5	0.886	0.25	1.85	404	0	IV V	1	UN NL K L	6	NP_149877_1	414L	1
29	2007-09-04-22 2950 2950 2.out	1630.8	1.064	0.33	1.82	370	0	IV V	1	QENMILIESHNM'LR	14	NP_149463_1	468L	0.9759
31	2007-09-04-22 2098 2098 3.out	1696	1.348	0.42	1.8	107	1.099	IV V	1	I DAE I L P K P G E A T K	16	NP_149485_1	0	

Test 28

Sr No	File Name	(M+H) ⁺	M ⁺	ⁿ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
30	2007-09-14-20 3632 3632 2.out	1790	9	0.324	0.56	3	14	661	0	No	1	SYELPDGIVKIGSER	16	AAB86863 1	actin	0.9842
6	2007-09-14-20 3555 3555 2.out	1143	6	0.167	0.5	2	58	632	0	No	1	LAVNMVPPR	10	AAN35161 1	beta-tubulin	0.9975
16	2007-09-14-20 3611 3611 2.out	1377	7	0.684	0.38	2	53	165	0	No	1	NEENNNSVGRQMK	12	NP_149530 1	067R	0.9976
52	2007-09-14-20 3176 3176 3.out	2198	3	0.125	0.43	2	37	262	0	No	1	KDQLIDFAQSLGLNPGKLLK	20	NP_149695 1	232R	0.9737
15	2007-09-14-20 2461 2461 2.out	1344	7	1.58	0.38	2	26	313	0	No	1	IEENNLEEK	11	NP_149776 1	313L	0.9708
46	2007-09-14-20 3377 3377 3.out	2003	1	1.337	0.49	2	23	408	0	No	1	LMVTOQNNNNKYYEMK	16	NP_149564 1	101L	0.9992
43	2007-09-14-20 3909 3909 3.out	1952	1	0.85	0.51	2	12	313	0	No	1	NSNLKKSFDVADFK	17	ABE27266 1	unknown	0.9931
21	2007-09-14-20 4431 4431 3.out	1686	8	0.951	0.5	2	11	241	0	No	2	TECFNATKLCNSGGK	16	NP_149778 1	315L	0.9999
42	2007-09-14-20 4067 4067 3.out	1949	1	1.027	0.38	2	11	317	0	No	1	GOSIYINGRSLKLOSER	17	NP_149492 1	029R	0.9851
19	2007-09-14-20 979 979 3.out	1659	9	0.991	0.34	2	07	616	0	No	1	QCAIAPYLTDAKR	15	NP_149635 1	172L	0.9807
12	2007-09-14-20 643 643 2.out	1202	7	1.299	0.34	2	02	295	0	No	1	KFPTLEINK	10	NP_149688 1	225R	0.9879
18	2007-09-14-20 4260 4260 2.out	1426	7	1.57	0.59	1	96	204	0	No	1	SIOLIMYESEK	12	NP_149485 1	022L	0.9979
31	2007-09-14-20 319 319 3.out	179	1	0.949	0.46	1	95	173	0	No	1	LKDITSLKNM'LEIR	16	ABE26651 1	pol polyprotein	0.9954
39	2007-09-14-20 3317 3317 3.out	1887	1	1.782	0.34	1	92	188	0	No	1	RIQLLIGM'GVTSKTK	18	NP_149548 1	085L	0.9922
1	2007-09-14-20 2864 2864 1.out	700	5	1.061	0.19	1	9	419	0	No	1	VXDKIK	6	ABM26977 1	RNA polymerase II largest subunit	1
3	2007-09-14-20 3619 3619 2.out	1122	5	0.844	0.42	1	87	225	0	No	1	SLMGNCPPSVK	11	NP_149555 1	092R	0.9962
17	2007-09-14-20 3086 3086 2.out	1389	7	0.441	0.53	1	87	298	0	No	2	VNLIECKANEK	12	YP_145791 1	polyprotein	0.9838
2	2007-09-14-20 3668 3668 2.out	1102	7	0.316	0.48	1	86	441	0	No	1	PLKSILYR	9	ABO69724 1	unknown	0.9985
5	2007-09-14-20 2993 2993 2.out	1135	5	1.859	0.34	1	85	216	0	No	1	GEENLTEDK	10	NP_149839 1	376L	0.9968
29	2007-09-14-20 3628 3628 3.out	1785	9	0.75	0.37	1	84	228	0	No	1	ADGMKIEEFNKQTM'K	16	ABV48897 1	hypothetical spore wall protein	0.9834
11	2007-09-14-20 591 591 2.out	1199	7	1.976	0.5	1	77	231	0	No	1	KVNQNDKIK	10	NP_149674 1	211L	0.9918
4	2007-09-14-20 3902 3902 2.out	1130	6	1.924	0.4	1	76	170	0	No	1	EVIGEIDLK	10	ABO69725 1	unknown	0.9826
9	2007-09-14-20 553 553 2.out	1189	6	0.022	0.46	1	76	98	2	No	1	KGDKNTQVGDK	11	NP_149914 1	451L	1
14	2007-09-14-20 3211 3211 2.out	1328	8	1.414	0.4	1	76	514	0	No	1	DEIKILGNIVSK	12	ABE26653 1	pol polyprotein	1
10	2007-09-14-20 3309 3309 2.out	1194	6	0.807	0.41	1	75	248	0	No	1	EAM'EEKSNK	11	NP_149485 1	022L	0.9983
34	2007-09-14-20 3320 3320 3.out	1826	0	0.367	0.41	1	75	325	0	No	1	PEMDRILNLAEGLLNK	16	ABE36638 1	polyprotein	0.9817
7	2007-09-14-20 2671 2671 2.out	1166	6	0.712	0.37	1	73	140	0	No	1	LNISM'KESTK	11	NP_149681 1	218R	0.9729
44	2007-09-14-20 3334 3334 3.out	1955	2	0.567	0.36	1	72	149	0	No	1	MILVLAFLHLOLQFLLR	16	NP_149845 1	382R	0.9656
49	2007-09-14-20 3950 3950 3.out	2091	1	1.377	0.36	1	69	176	0	No	1	TMISNEDVKFVNYYKIK	17	NP_149904 1	441R	0.9909
13	2007-09-14-20 3236 3236 2.out	1303	7	0.578	0.42	1	68	253	0	No	4	SKSTKPTSENPK	12	YP_308661 1	VP4	0.9879
25	2007-09-14-20 3046 3046 3.out	1719	9	0.898	0.41	1	67	210	0	No	1	NVTMQLNSKKNNNSK	15	NP_066242 1	capid protein	0.9795
47	2007-09-14-20 3059 3059 3.out	203	1	1.768	0.41	1	63	316	0	No	1	LYPGTEAGLVKQGETVCR	19	AAU12296 1	chromosome segregation protein	0.9947
32	2007-09-14-20 3658 3658 3.out	1794	1	1.975	0.4	1	58	142	0	No	1	VESSEVIIHPSLIEK	16	NP_520564 1	nonstructural polyprotein	0.9987
22	2007-09-14-20 4084 4084 3.out	1688	8	0.653	0.38	1	57	460	0	No	1	FLEEASSFSNIDVCK	15	NP_149564 1	101L	0.9939
37	2007-09-14-20 3158 3158 3.out	1839	9	1.061	0.56	1	57	113	0	No	1	NRKFNTYGFVFTSCR	15	NP_149907 1	444R	0.9939
33	2007-09-14-20 3088 3088 3.out	1814	0	1.38	0.44	1	54	161	1	No	1	TFCALAKVQIDFSRSK	16	ABE26655 1	pol polyprotein	0.9902
8	2007-09-14-20 4292 4292 2.out	1184	6	0.269	0.53	1	53	419	0	No	1	PSDIDPTVRKG	11	NP_149901 1	438L	0.9934
38	2007-09-14-20 1072 1072 3.out	1642	9	1.214	0.46	1	52	172	1	No	6	WTSDNDVYDDYATTISR	16	NP_853560 2	polyprotein	1
45	2007-09-14-20 929 929 3.out	1958	9	0.277	0.56	1	51	238	0	No	1	TTDDNAJANERAVIDAQDLK	18	NP_149548 1	085L	0.9999

Test 29

Sr No	File Name	(M+H) ⁺	M ⁺	ⁿ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
30	2008-09-01 01 1860 1861 2.out	1614	9	0.446	0.28	2	59	662	0	No	1	TILTIVONINIEK	14	NP_149513 1	050L	0.9965
28	2008-09-01 01 1842 1842 2.out	1384	8	0.34	0.31	2	4	440	0	No	1	FVGADVVLEPII	13	NP_149510 1	447L	0.9886
37	2008-09-01 01 2475 2475 3.out	1776	9	0.773	0.42	1	25	98	1	No	1	EDNFNTVGGSKIVVIGK	17	NP_149536 1	075L	0.994
24	2008-09-01 01 1928 1928 2.out	1356	8	0.738	0.29	2	29	352	0	No	1	M'VHILQVFLKK	12	NP_149648 1	185L	1
29	2008-09-01 01 1467 1467 2.out	1475	7	0.934	0.21	2	20	297	0	No	1	KNMDCHIYPLNK	12	NP_149928 1	465R	0.9781
10	2008-09-01 01 1166 1166 2.out	1156	7	0.887	0.27	2	23	127	1	No	1	LNDSPISQKR	10	NP_149691 1	428L	0.9826
17	2008-09-01 01 1963 1963 2.out	1268	6	0.307	0.41	1	19	463	0	No	1	DKMQLYYEDK	10	NP_149676 1	213R	0.9874
23	2008-09-01 01 1117 1117 2.out	1344	7	0.413	0.36	1	19	392	0	No	1	IEENNLEEK	11	NP_149776 1	313L	0.9976
1	2008-09-01 01 1327 1327 1.out	700	5	1.122	0.22	1	19	414	0	No	1	VXDKIK	6	ABM26977 1	RNA polymerase II largest subunit	1
26	2008-09-01 01 1692 1692 2.out	1371	8	0.253	0.41	1	19	152	1	No	1	NNILSLLKESLK	12	ABO69714 1	unknown	0.9949
19	2008-09-01 01 1468 1468 2.out	1309	8	0.767	0.34	1	18	306	0	No	1	IHKIKALDCLR	11	NP_149590 1	127L	0.9956
34	2008-09-01 01 1741 1741 3.out	1699	1	0.822	0.38	1	187	130	1	No	1	DGGKIVAGSSIVEVLTK	17	AAS163650 1	translation elongation factor 1 alpha	0.9993
12	2008-09-01 01 1540 1540 2.out	1164	6	0.681	0.39	1	185	110	1	No	1	GGIISLCLM'GLGK	13	NP_149635 1	172L	0.9945
25	2008-09-01 01 1638 1638 2.out	1366	7	1.669	0.34	1	184	558	0	No	1	INVLFDHACR	11	NP_149818 1	355R	1
42	2008-09-01 01 1633 1633 3.out	1826	1	0.321	0.35	1	184	302	0	No	1	PEMDRILNLAEGLLNK	16	ABE36638 1	polyprotein	0.9529
2	2008-09-01 01 1910 1910 2.out	1102	7	0.597	0.34	1	181	354	0	No	1	PLKSILYR	9	ABO69724 1	unknown	1
27	2008-09-01 01 1729 1729 2.out	1379	8	0.084	0.27	1	179	467	0	No	1	YICEISIKLGK	12	NP_149689 1	226R	0.9932
46	2008-09-01 01 2071 2071 3.out	1915	1	0.948	0.45	1	179	264	0	No	1	DELAGTIEEIGDKAKR	18	ABY49795 1	hypothetical spore wall protein 13	0.9845
36	2008-09-01 01 2440 2440 3.out	1760	9	0.715	0.45	1	177	109	1	No	1	VYLDIMIYSKSWK	14	ABE26648 1	pol polyprotein	0.9895
22	2008-09-01 01 1568 1568 2.out	1328	8	1.65	0.35	1	172	328	0	No	1	DEIKILGNIVSK	12	ABE26653 1	pol polyprotein	0.9967
35	2008-09-01 01 1365 1365 3.out	1701	8	0.993	0.47	1	171	283	0	No	1	EKDNLKENQONER	14	NP_149642 1	179R	0.9719
52	2008-09-01 01 4255 4255 3.out	2138	1	0.037	0.44	1	170	205	0	No	1	NSLNNEERILNAVPNAK	19	NP_149672 1	209R	0.9582
41	2008-09-01 01 2419 2419 3.out	1793	1	1.413	0.4	1	168	244	0	No	1	ELTSKEEILYPTIK	15	NP_149701 1	238R	1
7	2008-09-01 01 2182 2182 2.out	1154	5	0.499	0.32	1	167	331</								

Test 30

Sr No	File Name	(M+H) ⁺	M ⁺	Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
37	2008-08-01-02 1846 1846 2 out	1790	9	1.365	0.63	3.83	718	0	Nosema	1SYELPDGQVIGKIGSER	16	AAB86863	actin	0.9991		
26	2008-08-01-02 1828 1828 3 out	1668	0	0.999	0.42	2.98	1010	0	Nosema	1IKVQEVDILEK	14	ABE27269	1 unknown	0.9651		
23	2008-08-01-02 2338 2338 2 out	1614	9	0.218	0.41	2.51	670	0	II	1TILTTKVQVNIEK	14	NP_149513	1 050L	0.9977		
33	2008-08-01-02 1917 1917 3 out	1746	8	1.652	0.34	2.42	475	0	II	1EDEEVYDFANNFVR	14	NP_149731	1 268L	0.9969		
14	2008-08-01-02 1341 1341 2 out	1315	7	0.439	0.35	2.24	295	0	II	1NEFNLNLNP	11	NP_149589	1 126R	0.9987		
31	2008-08-01-02 3453 3453 3 out	1722	8	0.805	0.4	2.22	330	0	Nosema	1IVVSCSADGAPNMMGKK	17	ABE27267	1 unknown	1		
53	2008-08-01-02 2836 2836 3 out	2320	2	1.74	0.4	2	191	0	II	1EHKLDTSLSHFAVKHFLGSK	20	NP_149500	1 037L	0.9983		
21	2008-08-01-02 2237 2237 2 out	1415	8	0.647	0.37	2.07	235	1	0999	1ITVGARDLWQR	12	NP_149548	1 085L	0.9977		
12	2008-08-01-02 2024 2024 2 out	1268	6	0.553	0.54	2.03	337	0	II	1DKMQIYVEDK	10	NP_149676	1 213R	0.952		
20	2008-08-01-02 1866 1866 2 out	1411	7	0.352	0.3	1.95	581	0	II	1FKERASHDFDK	11	NP_149818	1 355R	0.9688		
1	2008-08-01-02 1209 1209 1 out	700	5	1.125	0.21	1.94	419	0	Nosema	1VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	1		
15	2008-08-01-02 986 986 2 out	1344	7	0.356	0.35	1.93	384	0	II	1ENENNLEEK	11	NP_149776	1 313L	0.9993		
44	2008-08-01-02 1347 1347 3 out	1849	0	0.945	0.51	1.93	155	0	II	1LDSKRTGLIMDFNNPK	16	NP_149642	1 179R	0.9518		
6	2008-08-01-02 1116 1116 2 out	1158	6	0.938	0.36	1.91	106	0	II	1KRNAAEWQR	9	NP_149676	1 213R	0.9531		
54	2008-08-01-02 4106 4106 3 out	2513	2	0.638	0.41	1.91	252	0	II	1ITNSFLSLMFSGNICTYCQELK	22	NP_149659	1 196R	1		
5	2008-08-01-02 702 702 2 out	1133	7	0.183	0.37	1.84	270	0	Nosema	1LAARYRLDR	9	AAT12295	1 phospholipase D	0.9767		
13	2008-08-01-02 2048 2048 2 out	1285	7	1.014	0.48	179	980	0	II	1EAQKIEKIGNR	11	NP_149612	1 149L	0.999		
28	2008-08-01-02 1283 1284 3 out	1686	9	0.756	0.45	1.72	168	0	693	1SVISVISVISV	5	LGFPKGKGSKDAVAM ^R	17	NP_049374	1 polyprotein	0.9935
41	2008-08-01-02 1553 1553 3 out	1827	7	0.774	0.35	1.72	267	0	II	1ENKNLFPDTPPLSK	16	NP_149750	1 287R	0.9699		
52	2008-08-01-02 2586 2588 3 out	2275	3	1.646	0.51	1.72	214	0	Nosema Nosema Nosema Nosema	8RSTRDVAVLVLNDFSHYLL	19	ABV48889.1	1 spore wall protein	0.9984		
10	2008-08-01-02 1509 1509 2 out	1226	7	1.748	0.47	1.7	165	0	II	1RKGQEWLAK	10	NP_149624	1 161L	0.9978		
38	2008-08-01-02 666 666 3 out	1795	9	1.861	0.38	1.77	117	0	Nosema	1MIKMLMSTDSIEKR	15	ABE27271	1 unknown	0.9884		
17	2008-08-01-02 2002 2002 2 out	1393	7	0.482	0.5	1.67	155	0	Nosema	1AKAYPTTSEERNE	12	ABV48897.1	1 hypothetical spore wall protein	0.9529		
34	2008-08-01-02 1845 1845 2 out	1763	1	0.283	0.5	1.67	547	0	Nosema	1RMPFLVAVIVLFLTK	15	AAL28057.1	6 calmodulin-dependent protein kinase	0.9962		
3	2008-08-01-02 2766 2766 2 out	1222	5	0.069	0.45	1.64	299	0	II	1SLMGNCPSVK	11	NP_149555	1 092R	0.9548		
46	2008-08-01-02 2291 2291 3 out	1970	9	1.442	0.39	1.63	116	1	0999	Nosema	1AEVRSM*TESTMNQETIK	18	ABE26654.1	1 pol polyprotein	0.9796	
39	2008-08-01-02 760 760 3 out	1796	9	0.292	0.38	1.62	156	0	II	1EKSIDLIMYEVSK	15	NP_149455	1 022L	0.9982		
30	2008-08-01-02 4182 4182 3 out	1714	8	1.486	0.4	1.61	156	0	693	1DVVWDVVJDVVWDVV	16	TDLMEIM ^R GSNPYIRR	16	NP_853560	2 polyprotein	1
51	2008-08-01-02 2504 2504 3 out	2143	1	0.261	0.4	1.59	270	0	693	1IKEDDGTTM ^R HNDGQVIK	20	NP_149508	1 045L	0.9838		
7	2008-08-01-02 2283 2283 2 out	1164	6	0.565	0.44	1.58	410	0	II	1LTONITM ^R SK	11	NP_149513	1 050L	0.9767		
19	2008-08-01-02 1122 1122 2 out	1405	8	0.187	0.41	1.58	286	0	II	1KDKNFSMPVVK	12	NP_149647	1 184R	0.9977		
11	2008-08-01-02 1364 1364 2 out	1264	7	0.486	0.53	1.53	393	0	II	1INGDISEYK	11	NP_149758	1 295L	0.9641		
45	2008-08-01-02 4174 4174 3 out	1882	1	1.911	0.43	1.52	216	0	693	1VTTIHHGNKHMVKYK	16	NP_149836	1 373L	0.9979		
25	2008-08-01-02 2343 2343 3 out	1662	9	1.268	0	1.5	126	0	Nosema	1IEKLLCYPMPNLK	14	ABE26654.1	1 pol polyprotein	0.9932		

Test 31

Sr No	File Name	(M+H) ⁺	M ⁺	Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
23	2008-08-01-04 1707 1707 2 out	1320	7	1.737	0	0.34	263	236	1	1VQFNDNLKNK	11	NP_149852	1 389L	0.9743		
19	2008-08-01-04 918 918 2 out	1274	7	0.446	0.32	2.25	466	0	BQCV	1ELDGQIFDPLK	11	NP_620564	1 nonstructural polyprotein	0.9794		
37	2008-08-01-04 2976 2976 2 out	1614	9	1.632	0.35	2.25	482	0	II	1TILTTKVQVNIEK	14	NP_149513	1 050L	0.9533		
44	2008-08-01-04 2903 2903 2 out	1724	1	1.708	0.31	2.23	153	0	II	1M ^R PINIIHHALRHQK	15	NP_149928	1 465R	0.9743		
32	2008-08-01-04 2464 2464 2 out	1492	8	0.615	0.28	2.18	394	0	Nosema	1AMKAMGLTTIGLK	15	AAF91269	1 203S proteasome alpha 5 subunit	0.9833		
1	2008-08-01-04 1204 1204 1 out	700	5	1.145	0	0.21	16	412	0	Nosema	1VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	1	
25	2008-08-01-04 992 992 2 out	1344	7	1.63	0.25	2.13	354	0	II	1ENENNLEEK	11	NP_149776	1 313L	0.9886		
40	2008-08-01-04 275 275 3 out	1674	9	1.315	0.64	2.09	233	0	II	1ALLEVFNLKNDDKR	14	NP_149851	1 388R	0.9794		
31	2008-08-01-04 1433 1433 2 out	1485	9	1.85	0.34	2.08	543	0	Nosema	1ISRLRTIPLN	12	AAT12295	1 chromosome segregation protein	0.992		
34	2008-08-01-04 2091 2091 2 out	1524	9	1.473	0.32	2.04	599	0	II	1SLGVVNEQLKVNPK	14	NP_149859	1 396L	1		
21	2008-08-01-04 2120 2120 2 out	1285	7	0.212	0.38	1.94	828	0	II	1EAQKIEKIGNR	11	NP_149612	1 149L	0.9538		
56	2008-08-01-04 2340 2340 2 out	1831	8	0.635	0.32	1.9	260	0	Nosema	1RM ^R VHSDFDPEVAER	16	AAC47660.1	1 mitochondrial-type HSP70	0.9693		
27	2008-08-01-04 1738 1738 2 out	1377	7	0.879	0.34	1.86	171	172	1	1ENNNSVGRQMK	12	NP_149530	1 067R	0.9722		
2	2008-08-01-04 786 788 1 out	730	4	1.656	0.42	1.85	219	0	II	1LNLNVRD	6	NP_149681	1 218R	1		
51	2008-08-01-04 1726 1726 2 out	1769	8	1.563	0.38	1.85	438	0	II	1FEASEMYSWYKSINK	14	NP_149902	1 439L	0.9655		
48	2008-08-01-04 2169 2169 2 out	1746	8	1.438	0.32	1.82	247	0	II	1NCQEKEITTYSDNFR	14	NP_149500	1 037L	0.9946		
54	2008-08-01-04 1466 1466 3 out	1776	9	0.362	0.42	1.82	193	0	693	Nosema	1M ^R CDNCRNQPVK ^R	15	AAD12605.1	RNA polymerase II largest subunit	0.9838	
62	2008-08-01-04 2217 2217 3 out	1985	1	0.789	0.36	1.81	197	0	Nosema	1FVYIKSILNDKTC ^R	17	ABE27277	1 unknown	0.9881		
12	2008-08-01-04 1667 1667 2 out	1161	6	1.65	0.31	1.8	168	1	609	1SVISV	2	AQAMGIRAESK	11	NP_049374	1 polypeptide	0.9914
68	2008-08-01-04 4458 4458 3 out	2357	2	0.586	0.42	1.8	136	1	Nosema	1KEESFM ^R HKEVNEVHSEELLVR	20	AAL28052.1	1 AF06785.1 unknown	0.983		
42	2008-08-01-04 3918 3918 3 out	1722	8	1.858	0.36	1.79	298	0	Nosema	1IVVSCSADGAPNMMGKK	17	ABE27267	1 unknown	0.9602		
8	2008-08-01-04 1031 1031 2 out	1124	6	1.569	0.31	1.78	151	0	II	1SQEKDYNK	9	NP_149758	1 295L	0.9505		
30	2008-08-01-04 2073 2073 2 out	1429	6	0.974	0.35	1.51	273	0	II	1RTETTDIEM ^R CSK	13	NP_149633	1 170R	0.9931		
53	2008-08-01-04 4138 4138 3 out	1775	1	1.081	0.52	1.77	299	0	II	1VSVISVISV	4	VKLTAGCINYTVALLPR	17	NP_049374	1 polypeptide	0.9881
38	2008-08-01-04 1689 1689 2 out	1630	8	0.062	0.29	1.75	287	0	693	1V6	1QENMLIESHHNM ^R L	14	NP_149463	1 468L	0.9628	
63	2008-08-01-04 2295 2295 3 out	2027	1	1.052	0.44	1.75	335	0	693	1NMLTMSSYKHMISDLK	17	NP_149902	1 439L	0.969		
18	2008-08-01-04 2609 2609 2 out	1268	6	0.948	0.33	1.61	177	0	693	1DEGPNVMI ^R IK	10	NP_149674	1 213R	0.9657		
39	2008-08-01-04 3974 3974 3 out	1666	9	1.999	0	1.4	71	512	0	1KBVKVB	14	NP_851403	1 non-structural polyprotein	0.9857		
3	2008-08-01-04 548 548 1 out	859	5	0.965	0.43	1.68	279	0	II	1SIKNLER	7	NP_149686	1 223L	1		
17	2008-08-01-04 850 850 2 out	1244	5	1.069	0	3.1	167	215	0	II	1MNIMDYENSK</					

Test 32

Sr No	File Name	(M+H) ⁺	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
18	2008-08-01-05 2663 2663 2.out	1457.9	0.577	0.72	3.8	1482	0	Nosemi Nosemi Nosemi	5	IAQVSSATASLR	14	AAZ23550	1 alpha-tubulin	0.9807	
7	2008-08-01-05 1941 1941 2.out	1143.6	0.677	0.62	3.6	968	0	Nosemi Nosemi	2	LAVNMVPPR	10	AAN35161	1 beta-tubulin	0.9655	
38	2008-08-01-05 2003 2003 2.out	1790.9	0.483	0.5	2.82	868	0	Nosemi	1	SYELPDGQVIGKIGSER	16	AAB86663	1 actin	0.9923	
21	2008-08-01-05 3709 3709 2.out	1614.9	0.498	0.27	2.53	613	0	lIIV6	1	TILTTKVQINIEK	14	NP_149513	1 050L	0.9793	
2	2008-08-01-05 767 767 1.out	715.4	1.048	0.07	2.43	354	0	lIIV6	1	NIIDK	6	NP_149495	1 032R	1	
8	2008-08-01-05 509 509 2.out	1171.6	0.366	0.57	2.4	426	0	Nosemi	1	HKGVMVGMGQK	11	AAB86663	1 actin	0.9822	
5	2008-08-01-05 1498 1498 2.out	1136.6	0.582	0.45	2.37	426	0	Nosemi Nosemi Nosemi	14	FPGQLNADLR	10	AAZ23552	1 beta-tubulin	0.9884	
13	2008-08-01-05 2196 2196 2.out	1268.6	1.711	0.4	2.27	390	0	693	1	DKMQIYVEDR	10	NP_149676	1 213R	0.9831	
47	2008-08-01-05 2397 2397 2.out	1959.1	1.194	0.56	2.23	336	0	lIIV6	1	YTSPLPLSSLFEDASLSTK	18	NP_149595	1 132L	0.9907	
15	2008-08-01-05 1859 1859 2.out	1377.7	1.855	0.4	2.17	202	0	lIIV6	1	NEENNSVGRTOMK	12	NP_149530	1 067R	0.9907	
17	2008-08-01-05 2358 2358 2.out	1452.8	0.856	0.33	2.17	517	0	lIIV6	1	VDSEMAFERIKK	12	NP_149606	1 143R	1	
39	2008-08-01-05 3051 3051 3.out	1826.1	1.029	0.51	2.17	630	0	DWV	1	PEMDRILNLAEGLLNK	16	ABB36638	1 polyprotein	0.9805	
40	2008-08-01-05 3856 3856 3.out	1834.0	0.343	0.44	2.13	121	1	386	1	LNIEIQKFCCLDEKK	15	NP_149506	1 043L	0.9734	
2	2008-08-01-05 2261 2261 2.out	1199.7	0.653	0.4	2.12	398	0	693	1	IAODINAKKALK	11	NP_149701	1 238R	1	
41	2008-08-01-05 46 46 3.out	1847.1	1.3	0.5	2.08	288	0	lIIV6	1	KLNKEYLQTNIEK	15	NP_149642	1 179R	0.9975	
12	2008-08-01-05 1931 1931 2.out	1229.6	1.677	0.39	2.07	242	0	693	Nosemi Nosemi	2	ISDQFSVMMR	10	AAN35161	1 beta-tubulin	0.9738
66	2008-08-01-05 2848 2848 3.out	2320.2	2	0.42	2.07	145	0	lIIV6	1	EHKLDSSYSLNFAVKHFLGSK	20	NP_149500	1 037L	0.9846	
44	2008-08-01-05 630 630 3.out	1932.1	0.56	0.44	2.06	279	0	lIIV6	1	LTINEINFVDFIOPR	16	NP_149508	1 343L	0.9802	
20	2008-08-01-05 2981 2981 2.out	1570.8	1.973	0.42	2.04	345	0	lIIV6	1	YEENDTVPVAKPK	14	NP_149612	1 149L	0.959	
27	2008-08-01-05 2963 2963 3.out	1695.8	0.404	0.41	2.04	252	0	693	Nosemi	1	SECLGGAVLSTMACVLR	18	AAL28056	1 AF406785 5 unknown	0.9506
3	2008-08-01-05 2050 2050 2.out	1102.7	1.281	0.45	1.99	535	0	Nosemi	1	PLKSILYR	9	ABO6724	1 unknown	0.9789	
1	2008-08-01-05 1235 1235 1.out	700.5	1.163	0.21	1.98	410	0	Nosemi	1	VXDIK	6	ABM26977	1 RNA polymerase II largest subunit	1	
36	2008-08-01-05 2363 2363 3.out	1763.9	1.489	0.38	1.95	368	0	Nosemi	1	TKLITEKCLECOINEK	15	ABE26650	1 pol polyprotein	0.9691	
30	2008-08-01-05 863 863 3.out	1719.9	0.896	0.33	1.88	243	0	lIIV6	1	YFKGLGTTKHEDVPK	15	NP_149508	1 045L	0.9723	
55	2008-08-01-05 1343 1343 3.out	2063.1	1.087	0.37	1.87	141	1	059	1	MVAQSGPVMSQSSLSDRVR	19	NP_620564	1 non-structural polyprotein	0.9805	
37	2008-08-01-05 825 825 3.out	1775.8	1.55	0.47	1.86	171	0	lIIV6	1	SCFNRLNTCPM*CRSK	16	NP_149620	1 157L	0.9691	
65	2008-08-01-05 2580 2580 3.out	2320.1	1.042	0.39	1.8	129	0	693	1	CAKGCCILNFTNEIHHFKNK	20	NP_149877	1 414L	0.9595	
31	2008-08-01-05 3060 3060 3.out	1722.9	0.974	0.44	1.76	319	0	lIIV6	1	KCIFTPLRQLDNLCK	15	NP_149747	1 284R	0.9584	
34	2008-08-01-05 4457 4457 3.out	1761.9	0.989	0.54	1.76	191	0	DWV	1	VEVGQEAGECIFKKPK	16	AAP49283	1 polyprotein	0.974	
46	2008-08-01-05 2674 2674 3.out	1954.1	0.358	0.45	1.76	59	1	386	0	ILPETTLSSIIQEIVGSIK	18	NP_149692	1 229L	0.9738	
57	2008-08-01-05 743 743 3.out	2142.2	1.834	0.39	1.74	175	0	KBVJKBV	2	PSLVHGM*SDIKTPAYLR	20	NP_851403	1 non-structural polyprotein	0.9733	
51	2008-08-01-05 3208 3208 3.out	1933.1	0.201	0.34	1.73	284	0	lIIV6	1	SIKTEHEYLSSLLMSLTK	17	NP_149765	1 302L	0.9753	
19	2008-08-01-05 2073 2073 2.out	1516.8	0.457	0.44	1.72	171	0	lIIV6	1	IHCLPFLNHYQR	12	NP_149487	1 024L	0.9752	
64	2008-08-01-05 3138 3138 3.out	2302.2	1.673	0.35	1.72	325	0	Nosemi	1	CAKEM*GIVPVICLDRGPEVR	22	ABO6719	1 unknown	0.9702	
14	2008-08-01-05 3783 3783 2.out	1298.9	1.765	0.43	1.68	368	0	lIIV6	1	VKMRQAONVLUQ	11	NP_149874	1 410L	0.9898	
25	2008-08-01-05 2254 2254 3.out	1681.0	0.783	0.39	1.65	198	0	lIIV6	1	IDNISLFFKPLFVK	14	NP_149806	1 343L	0.9926	
53	2008-08-01-05 1222 1222 3.out	2034.9	1.8	0.37	1.65	151	0	lIIV6	1	RSILGEM*SEM*RQYM*QK	19	NP_149674	1 211L	0.9934	
48	2008-08-01-05 4290 4290 3.out	1970.0	1.119	0.4	1.64	189	0	lIIV6	1	IVDVKPNKGKFGSGLSMK	19	NP_149803	1 340R	0.9995	
6	2008-08-01-05 4116 4116 2.out	1132.6	1.776	0.5	1.63	252	0	Nosemi Nosemi Nosemi	5	PSIVMEGMLR	10	ABM26981	1 RNA polymerase II largest subunit	0.9725	
29	2008-08-01-05 1145 1145 3.out	1716.1	1.871	0.38	1.63	269	0	lIIV6	1	ESIKKSIKSILEVR	15	NP_149548	1 085L	0.9525	
43	2008-08-01-05 1264 1264 3.out	1900.1	1.707	0.49	1.63	189	0	693	Nosemi Nosemi Nosemi	3	KLDMGAKEYSLM*GLLSK	18	ABM26981	1 RNA polymerase II largest subunit	0.9844
9	2008-08-01-05 1295 1295 2.out	1190.6	1.778	0.47	1.62	120	0	Nosemi	1	NELQAFIDK	10	ABE27268	1 unknown	1	
28	2008-08-01-05 1551 1551 3.out	1710.8	0.577	0.37	1.54	198	0	lIIV6	1	NIIDDVTNM*QFLEKK	15	NP_149832	1 369L	0.9874	
52	2008-08-01-05 976 976 3.out	1998.1	1.33	0.43	1.52	313	0	lIIV6	1	KLYGENCFINQAEIDK	17	NP_149531	1 072R	0.9808	
24	2008-08-01-05 191 191 3.out	1674.9	1.363	0.36	1.5	242	0	lIIV6	1	ALLEVFVNKLNDDKR	14	NP_149851	1 388R	0.9723	
26	2008-08-01-05 3608 3608 3.out	1693.9	0.562	0.47	1.5	212	0	lIIV6	1	IIMM*ICQVKVVDIK	16	NP_149575	1 112R	0.9686	

Test 33

Sr No	File Name	(M+H) ⁺	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
21	2008-08-01-07 1768 1769 2.out	1614.9	1.519	0.34	2.94	687	0	lIIV6	1	TILTTKVQINIEK	14	NP_149513	1 050L	0.9579
12	2008-08-01-07 1970 1970 2.out	1285.7	0.362	0.48	2.54	1136	0	lIIV6	1	EAQKIEKIGNR	11	NP_149612	1 149L	0.9707
7	2008-08-01-07 1495 1495 2.out	1172.7	1.654	0.36	2.24	520	0	Nosemi	1	SVLGCILKILVK	11	ABE26650	1 pol polyprotein	0.9748
15	2008-08-01-07 1099 1099 2.out	1344.7	0.523	0.27	2.17	487	0	lIIV6	1	ENENNLEEK	11	NP_149776	1 313L	0.9986
27	2008-08-01-07 1860 1860 3.out	1746.8	1.915	0.4	2.1	118	1	059	1	EEDEVYDFANNFVR	14	NP_149731	1 268L	0.9743
22	2008-08-01-07 1606 1606 2.out	1630.8	0.597	0.35	2.08	309	0	693	1	QENMLIEIHNMLR	14	NP_149463	1 468L	0.9851
13	2008-08-01-07 1351 1351 2.out	1315.7	0.317	0.31	2.07	313	0	lIIV6	1	NEFNLIENLPI	11	NP_149589	1 126R	0.9844
4	2008-08-01-07 325 925 2.out	1144.6	0.181	0.36	2.04	488	0	Nosemi	1	VLHGMLTSMR	10	ABE27270	1 unknown	0.9844
8	2008-08-01-07 1160 1160 2.out	1203.6	0.461	0.33	2.03	232	0	ABPV	1	NNSNKMATPKV	11	NP_062642	1 capsid protein	0.9823
17	2008-08-01-07 2207 2207 2.out	1419.7	1.894	0.41	1.95	363	0	Nosemi	1	LESICATAAEGAKR	14	AAT72742	1 60S ribosomal protein L10a	0.9987
28	2008-08-01-07 5174 5174 3.out	1751.0	0.468	0.41	1.95	134	0	lIIV6	1	MKIFTYFLKIDGK	14	NP_149715	1 252L	0.9835
6	2008-08-01-07 1132 1132 2.out	1156.6	0.619	0.31	1.91	135	1	059	1	KRNAEAWQR	9	NP_149676	1 213R	0.9964
25	2008-08-01-07 953 953 3.out	1719.9	1.494	0.45	1.91	191	0	693	1	QIMSGLQLCDINAKGK	16	NP_149579	1 116L	0.9925
30	2008-08-01-07 1646 1646 2.out	1757.1	1.27	0.41	1.88	92	0	SV	1	AFVRNQHTKATAGVR	16	AAT45736	1 structural polyprotein	0.9685
26	2008-08-01-07 1890 1890 3.out	1738.9	0.074	0.46	1.86	131	0	BQCV	1	YWTGSLVVTFKFVK	14	NP_620565	1 structural polyprotein	0.9961
35	2008-08-01-07 1578 1578 3.out	1825.9	0.288	0.53	1.79	122	0	693	1	IQDQEVRREALGLSYE	16	NP_620564	1 non-structural polyprotein	0.9624
20	2008-08-01-07 1826 1826 2.out	1532.7	0.767	0.43	1.78	427	0	ABPV	1	IKDDEFTKMM*CWSK	13	NP_062411	1 replicase polyprotein	0.9876
36	2008-08-01-07 2230 2230 3.out	1831.9	1.964	0.41	1.74	142	0	lIIV6	1	RDEEEETLNPTITSKAK	16	NP_149512	1 049L	0.9722
19	2008-08-01-07 1394 1394 2.out	1485.9												

Test 34

Sr No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
11	2008-08-01-08 2091 2091 2.out	1268 6	1 594	0.38	2.58	430	1 099	IV6	1	DKMIDQYVEDK	10	NP 149676 1	213R	0 9843
29	2008-08-01-08 4325 4325 2.out	1614 9	0 554	0.26	2.52	481	0	IV6	1	TILTTKVQVNIEK	14	NP 149513 1	050L	0 9512
33	2008-08-01-08 1968 1968 3.out	1670 8	0 257	0.34	2.43	586	0	IV6	1	EM'LDLRLMMEDMK	14	NP 149463 1	468L	0 9873
21	2008-08-01-08 1846 1846 2.out	1377 7	1 782	0.36	2.28	179	0	IV6	1	NEENNNSVGRQTMK	12	NP 149530 1	067R	0 9926
20	2008-08-01-08 989 989 2.out	1344 7	1 459	0.29	2.15	360	0 693	IV6	1	NEENNNSLLEEIK	11	NP 149776 1	313L	1
28	2008-08-01-08 1328 1328 2.out	1592 8	0 381	0.33	2.15	312	0	IV6	1	NYPTQDEMKLLK	13	NP 149675 1	212L	0 9925
2	2008-08-01-08 797 797 1.out	715 4	0 96	0.03	2.12	317	0	IV6	1	NIIDIK	6	NP 149495 1	032R	1
27	2008-08-01-08 1587 1587 2.out	1534 8	1 783	0.43	2.05	519	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0 9731
17	2008-08-01-08 1605 1605 2.out	1332 7	0 171	0.34	2.04	439	0	IV6	1	TWLLLGSNSVNDK	12	NP 149524 1	061R	0 9879
16	2008-08-01-08 2134 2134 2.out	1314 8	1 407	0.47	2.02	171	0	IV6	1	VTLNNEEIKK	11	NP 149561 1	098R	1
5	2008-08-01-08 2654 2654 2.out	1122 5	0 761	0.41	1.98	272	0	IV6	1	SLMGNCPSSVK	11	NP 149555 1	092R	0 9685
26	2008-08-01-08 2424 2424 2.out	1490 8	0 401	0.43	1.91	413	0	IV6	1	INVSVEFITLDK	13	NP 149490 1	027L	0 9895
19	2008-08-01-08 2655 2655 2.out	1338 7	1 06	0.36	1.9	430	0	IV6	1	TMKLYEAGALNK	12	NP 149612 1	149L	0 9944
35	2008-08-01-08 402 402 3.out	1698 8	1 922	0.45	1.89	142	0	Nosema	1	GTSEAEIFSTGQVVMR	16	ABE26648 1	pol polyprotein	0 9781
3	2008-08-01-08 974 974 2.out	1103 5	0 725	0.46	1.86	370	0	BQCVIBQCVIBQCVIBQCV	8	ABC95162 1	structural polyprotein	1		
51	2008-08-01-08 3974 3974 3.out	2075 9	0 882	0.39	1.85	942	0	Nosema	1	FNEQCGREM*EVLMMSMK	18	ABV48900 1	hypothetical spore wall protein	0 9981
1	2008-08-01-08 783 783 1.out	713 5	1 085	0.16	1.84	365	0	IV6	1	LINLK	6	NP 149877 1	414L	1
6	2008-08-01-08 1173 1173 2.out	1129 6	1 534	0.39	1.84	638	0	IV6	1	KRNAWDIAR	9	NP 149752 1	289L	0 9914
30	2008-08-01-08 4354 4354 3.out	1666 9	1 387	0.46	1.84	201	1 099	KBVKIBV	2	NVRVGDGEVINMKHR	14	NP 851403 1	non-structural polyprotein	0 9886
56	2008-08-01-08 3006 3006 3.out	2292 2	1 891	0.41	1.84	174	0	IV6	1	RVNAEYPTVPEGM'LAIWCK	21	NP 149872 1	411L	0 9835
10	2008-08-01-08 2216 2216 2.out	1266 7	1 729	0.35	1.83	605	0	SVISVJSV	3	KFATADEDLSK	11	NP 049374 1	polypeptide	0 9668
34	2008-08-01-08 780 780 3.out	1673 9	1 517	0.45	1.83	128	1 609	ABPV	1	ENGDMVPLNLGLFVR	15	NP 066241 1	replicase polyprotein	0 9773
8	2008-08-01-08 1455 1455 2.out	1186 7	1 523	0.37	1.81	271	0	IV6	1	HHAPIKINEK	10	NP 149858 1	395R	0 9779
47	2008-08-01-08 2789 2789 2.out	1947 8	1 1431	0.55	1.81	107	0	Nosema	1	FNEQCGREM*EVLMMSMK	17	ABV48900 1	hypothetical spore wall protein	0 9737
57	2008-08-01-08 1962 1962 3.out	2378 2	0 8661	0.48	1.8	207	0	Nosema	1	TEGGDFMIVQVELKATAGTYIK	21	ABE27265 1	unknown	0 9502
12	2008-08-01-08 1154 1154 2.out	1269 6	0 56	0.4	1.78	107	1 946	Nosema	1	GGMREYCVRAK	11	AAB62549 1	glutamyl-tRNA synthetase	1
46	2008-08-01-08 2464 2464 2.out	1875 1	1 292	0.44	1.77	110	0	IV6	1	ILNFVIFMPFPFIFK	15	NP 149511 1	048R	0 9956
44	2008-08-01-08 74 74 3.out	1847 1	1 185	0.4	1.75	155	1 609	IV6	1	KILNEKYLOTINIEK	15	NP 149642 1	179R	0 9953
58	2008-08-01-08 1972 1972 3.out	2479 4	0 416	0.46	1.75	203	0	IV6	1	GSDLPPFGGQLILSGDQLQLPVWK	24	NP 149493 1	030L	0 9919
24	2008-08-01-08 1460 1460 2.out	1485 9	0 355	0.36	1.74	443	0	Nosema	1	ISRRLTFIPLNR	12	AAT12296 1	chromosome segregation protein	0 9959
15	2008-08-01-08 1176 1176 2.out	1308 6	0 656	0.36	1.72	389	0	IV6	1	EDDLSTLVSSR	12	NP 14985 1	022L	0 9925
55	2008-08-01-08 2097 2097 3.out	2169 2	0 006	0.49	1.71	231	0	IV6	1	IDADLOGNMGMEIKALIKKK	20	NP 149618 1	155L	0 9786
25	2008-08-01-08 784 784 2.out	1486 7	1 247	0.4	1.7	151	0 693	IV6	1	YVEKDTEMKTDK	12	NP 149856 1	393L	0 9901
18	2008-08-01-08 1922 1922 2.out	1332 8	0 281	0.43	1.69	203	0 693	Nosema	1	VESSIQSITKIK	12	ABE27277 1	unknown	0 9854
41	2008-08-01-08 269 269 3.out	1757 8	0 045	0.45	1.68	341	0	ABPV	1	VIAGDFSTDGSLSNVC	17	AAD02102 1	RNA polymerase	0 9697
7	2008-08-01-08 736 736 2.out	1133 7	0 145	0.43	1.67	213	0 693	Nosema	1	LAARYRLDR	9	AAT12295 1	phospholipase D	0 9827
36	2008-08-01-08 4530 4530 3.out	1717 0	0 644	0.45	1.67	164	0	IV6	1	TLFKTIDKDSFK	14	NP 149716 1	253L	0 9792
45	2008-08-01-08 1259 1259 3.out	1849 1	1 786	0 44	1.65	217	0	IV6	1	LDSKRTGLIMDFNPK	16	NP 149642 1	179R	0 9867
4	2008-08-01-08 720 720 2.out	1105 6	1 594	0 4	1.64	120	1 099	KBVKIBVKBVKBVKBV	13	LM*APDTVSQL	11	YP 308662 1	VP2	0 99
14	2008-08-01-08 2493 2493 2.out	1294 6	1 22	0.39	1.63	142	0 693	IV6	1	GGLSFFIIPY*	12	NP 149692 2	229L	0 9846
50	2008-08-01-08 4280 4280 3.out	2042 2	1 323	0 48	1.58	168	0 693	Nosema	1	IELSQADSTRIKALVELR	18	AAC74660 1	mitochondrial-type HSP70	0 9539
40	2008-08-01-08 4466 4466 3.out	1749 9	1 636	0.38	1.57	177	0	IV6	1	IFYLSKVNMLCQYK	14	NP 149711 1	248R	0 9673
37	2008-08-01-08 4130 4130 3.out	1734 7	0 5161	0.41	1.51	370	0	Nosema	1	M*SKAMTEYSONWDK	15	ABE26649 1	pol polyprotein	0 9662

Test 35

Sr No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
38	2008-08-01-10 1837 1837 2.out	1790 9	0 601	0.65	3.73	846	0	Nosema	1	SYELPDQVIGKIGSER	16	AAB86863 1	actin	1	
6	2008-08-01-10 1789 1789 2.out	1143 6	0 439	0.6	3.06	662	0	Nosema	2	LAVNMVPFPFR	10	AAN35161 1	beta-tubulin	0 9863	
21	2008-08-01-10 1869 1869 2.out	1614 9	1 631	0.44	2.96	458	0	IV6	1	TILTTKVQVNIEK	14	ABE26650 1	pol polyprotein	0 9889	
8	2008-08-01-10 1513 1513 2.out	1172 7	1 573	0.37	2.6	564	0 693	Nosema	1	SLVGLGKILVK	11	ABE26650 1	pol polyprotein	0 9927	
7	2008-08-01-10 715 715 2.out	1171 6	1 576	0.4	2.28	372	0	Nosema	1	HKGVMVGMGQK	11	AAB68663 1	actin	0 9963	
10	2008-08-01-10 760 760 2.out	1179 5	0.56	0.34	2.26	682	0	Nosema	1	IEVCLRAECK	10	ABV48894 1	hypothetical spore wall protein	0 9741	
17	2008-08-01-10 991 991 2.out	1344 7	1 53	0.28	2.2	359	0 693	IV6	1	IIENENNNSLLEEIK	11	NP 149776 1	313L	0 9893	
9	2008-08-01-10 1286 1286 2.out	1178 7	0 582	0.29	2.19	471	0	IV6	1	LINEKFSFK	10	NP 149500 1	037L	0 9919	
15	2008-08-01-10 1996 1996 2.out	1280 8	0 555	0.29	2.1	423	0 693	Nosema	1	1VM*IGYISIKIK	12	ABM26979 1	RNA polymerase II largest subunit	0 9964	
32	2008-08-01-10 545 545 3.out	1715 9	0 087	0.42	2.1	209	0	IV6	1	1VENLYLGNQNGR	15	NP 149586 1	123R	0 9867	
16	2008-08-01-10 2272 2272 2.out	1283 8	1 746	0.32	2.04	161	1 099	IV6	1	1LVMNSGNALRKV	12	NP 149639 11	176R	0 987	
22	2008-08-01-10 1574 1574 3.out	1666 7	1 532	0.34	2.04	237	0	IV6	1	1DLSQSEOM*SEYYNK	15	NP 149676 1	213R	0 9545	
52	2008-08-01-10 2322 2322 3.out	2410 3	1 255	0.39	2.03	544	0	IV6	1	1M*QHYYKINVSVEFILDK	21	NP 149490 1	027L	0 9834	
5	2008-08-01-10 1474 1474 2.out	1140 6	0 847	0.4	1.98	190	0	Nosema	1	1DAIAYFEAK	10	AAL28052 1	AF406785 1 unknown	0 9962	
11	2008-08-01-10 734 734 2.out	1198 7	1 443	0.31	1.94	357	0	IV6	1	1KLLWDWLPLK	9	NP 149515 1	052R	0 9969	
13	2008-08-01-10 1562 1562 2.out	1234 6	1 742	0.37	1.93	944	0	Nosema	1	1YLSFVHQGQR	10	AAT12294 1	beta transducin repeat containing protein-like	0 9833	
18	2008-08-01-10 1740 1740 2.out	1377 7	0 657	0.4	1.91	210	0	IV6	1	1NENNSVGRQTMK	12	NP 149539 1	067R	0 996	
27	2008-08-01-10 1276 1276 3.out	1686 9	1 196	0.45	1.91	205	0	IV6	1	5LGPHPGKGSKDAVAM'R	17	NP 049374 1	polyprotein	0 9607	
28	2008-08-01-10 204 204 3.out	1689 8	1 972	0.66	1.89	231	0	Nosema	1	1KFSDEKNSYIVEK	14	ABE26651 1	pol polyprotein	0 9953	
30	2008-08-01-10 1227 1227 3.out	1694 8	0 058	0.44	0.38	179	100	1 099	IV6	1	1NQYCVSCACHAKIVR	15	ABE27275 1	unknown	0 9524
19	2008-08-01-10 1803 1803 2.out	1401 8	1 427	0.43	1.86	286	0	IV6</							

Test 47

Sr No	File Name	(M+H)	⁴ M	⁴ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
25	2008-03-21-13 2026 2026 3.out	1734.9	0.497	0.33	2.39	86	0	IVV6	1	DVPIGNDFDKATITTK	16	NP_149798_1	335L	0.9894
27	2008-03-21-13 2669 2669 3.out	1737.9	0.29	0.39	2.18	222	0	ABPV	1	WAEDVVVVEPKPLLSG	16	AAD33287_1	structural protein	0.9604
10	2008-03-21-13 883 884 2.out	1199.7	1.158	0.32	2.09	203	0.693	IVV6	1	KVNIONKDK	10	NP_149674_1	211L	0.994
33	2008-03-21-13 871 871 3.out	1763.9	1.887	0.48	2.07	76	1.099	Nosema	1	TKLITEKCLECQLNK	15	ABE26650_1	pol polyprotein	0.9714
22	2008-03-21-13 2312 2312 3.out	1721.7	0.688	0.34	2.06	133	0	Nosema	1	GNGDASCSSGGHGGKDM*GAK	20	AAU11092_1	unknown	0.9745
32	2008-03-21-13 2465 2465 3.out	1757.8	0.203	0.36	2.03	185	0	ABPV	1	VIAGDFSTFDGSLNVC	17	AAD02102_1	RNA polymerase	0.994
12	2008-03-21-13 1508 1508 2.out	1219.6	0.137	0.29	2.01	200	0	ABPV	1	NNSNKM*ATPVK	12	NP_066242_1	capped protein	0.9646
34	2008-03-21-13 780 780 3.out	1780	1.419	0.32	2.01	116	0	IVV6	1	PNAIACRKWLIIEPR	15	NP_149851_1	388R	0.9957
16	2008-03-21-13 1796 1796 3.out	1662.9	1.826	0.35	1.93	126	0	IVV6	1	MLQSQPMILTEMLLK	14	NP_149794_1	331R	0.9569
3	2008-03-21-13 1769 1769 2.out	1116.6	0.159	0.28	1.89	150	0	ABPV	1	LSEPLFEPGK	10	NP_066241_1	replicase polyprotein	0.9982
1	2008-03-21-13 1090 1091 1.out	700.5	0.507	0.2	1.87	412	0	Nosema	1	VXDIK	6	ABM26977_1	RNA polymerase II largest subunit	1
11	2008-03-21-13 1584 1584 2.out	1213.7	1.992	0.34	1.87	222	0	IVV6	1	ELNQILDKIK	10	NP_149916_1	453L	0.9829
23	2008-03-21-13 3145 3145 3.out	1722.8	0.423	0.38	1.86	220	0	Nosema	1	NIVSCSADGAPNMMGKK	17	ABE27267_1	unknown	0.9992
35	2008-03-21-13 2072 2072 3.out	1782.8	0.833	0.44	1.83	115	0	Nosema	1	MNYFSADIFEGCFAR	15	ABV48900_1	hypothetical spore wall protein	0.9824
37	2008-03-21-13 1356 1356 3.out	2016	0.827	0.41	1.81	172	0	IVV6	1	LEGOKHEEYEGILQETR	17	NP_149635_1	172L	0.9898
26	2008-03-21-13 3131 3131 3.out	1737.8	0.049	0.36	1.7	155	0	IVV6	1	ASFKDYLNCNASDYLK	15	NP_149758_1	295L	0.9971
5	2008-03-21-13 2208 2208 2.out	1165.7	1.313	0.32	1.68	156	0	Nosema	1	SVVKSNSYQIK	10	ABO69716_1	unknown	0.9733
14	2008-03-21-13 1780 1780 3.out	1658.7	0.463	0.42	1.67	96	0	IVV6	1	QTSYGNNGGGGGGNK	17	NP_149792_1	329R	0.9952
15	2008-03-21-13 2213 2213 3.out	1658.9	0.349	0.4	1.62	147	0	Nosema	1	DUSETVEPCLKALK	15	BAF76326_1	heat shock protein 70	0.9977
9	2008-03-21-13 1369 1369 2.out	1180.7	0.958	0.41	1.6	186	0	ABPV	1	VEEHIISSLK	10	NP_066241_1	replicase polyprotein	0.9703
7	2008-03-21-13 2581 2581 2.out	1173.7	1.119	0.52	1.59	170	0	IVV6	1	LNNIIDSTLKR	10	NP_149886_1	423L	0.9868
31	2008-03-21-13 3310 3310 3.out	1750.9	1.824	0.41	1.59	93	0.693	IAPVIIAPV	2	VDLCAEVRNKVEFTK	15	YP_001040002_1	polymerase polyprotein	0.9852
21	2008-03-21-13 3068 3068 3.out	1657.8	0.734	0.42	1.52	99	0.693	Nosema	1	GLSPEEFYFHAMGGR	15	ABM26977_1	RNA polymerase II largest subunit	0.9926
29	2008-03-21-13 2405 2405 3.out	1742.9	0.911	0.48	1.52	72	2.303	Nosema	1	AQENGVSEAINELLKK	16	ABE26652_1	pol polyprotein	0.9982

Test 48

Sr No	File Name	(M+H)	⁴ M	⁴ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
10	2008-03-21-14 1470 1470 3.out	1712.7	0.28	0.39	2.13	187	0	IVV6	1	ENDETEYDEQSIKK	14	NP_149642_1	179R	0.9735
5	2008-03-21-14 1322 1322 2.out	1184.7	0.249	0.45	2	264	0	IVV6	1	IKDIDALQR	10	NP_149695_1	232R	1
16	2008-03-21-14 1953 1953 3.out	1742.7	1.306	0.38	1.98	207	0	Nosema	1	HPECM*CPNSCEIHAR	16	AAB62548_1	glutamyl-tRNA synthetase	0.9772
12	2008-03-21-14 1579 1579 3.out	1713.9	1.589	0.42	1.9	126	0	Nosema	1	ILDVFVGEHLCLLSR	15	AAL28052_1	AF406785_1 unknown	0.9645
8	2008-03-21-14 1914 1914 3.out	1669.8	0.82	0.42	1.89	212	0	IVV6	1	GKDDMAASYLEGKER	15	NP_149635_1	172L	0.9981
20	2008-03-21-14 1318 1318 3.out	1835.9	1.227	0.34	1.87	183	0	Nosema	1	ERIFSQEVKGHYSQK	15	ABE27274_1	unknown	0.9563
13	2008-03-21-14 1156 1156 3.out	1718	0.084	0.36	1.85	190	0	IVV6	1	SLRPSIPPKISTEH	15	NP_149695_1	232R	0.9529
18	2008-03-21-14 1768 1768 3.out	1757.8	0.109	0.51	1.82	171	0	ABPV	1	VIAGDFSTFDGSLNVC	17	AAD02102_1	RNA polymerase	0.988
7	2008-03-21-14 1246 1246 2.out	1236.6	1.097	0.4	1.78	299	0	IVV6	1	NGAVEEGYNRK	11	NP_149891_1	428L	0.9839
14	2008-03-21-14 1761 1762 3.out	1722.9	1.087	0.48	1.78	167	0	IVV6	1	KCIFTPLRQLDNLDC	15	NP_149747_1	284R	0.9934
11	2008-03-21-14 918 918 3.out	1712.9	0.323	0.54	1.71	165	0	IVV6	1	TFAYEVPIRYSNPR	14	NP_149690_1	227L	0.9981
9	2008-03-21-14 1928 1928 3.out	1697.8	0.602	0.41	1.7	131	0	Nosema	1	GLSPEEFYFHAMGGR	15	ABM26977_1	RNA polymerase II largest subunit	0.994
15	2008-03-21-14 1098 1098 3.out	1729	1.65	0.42	1.7	149	1.099	IVV6	1	VSLTSKYTKGFSIGK	16	NP_149662_1	199L	0.9894
19	2008-03-21-14 1153 1153 3.out	1790	0.474	0.42	1.7	150	0	Nosema	1	LFIDPKLLESMDKIK	15	ABE26651_1	pol polyprotein	0.9964
1	2008-03-21-14 996 990 1.out	789.4	0.018	0.58	1.67	141	0	SVISVISVISVISV	5	TTLDIAR	7	NP_049374_1	polyprotein	1
4	2008-03-21-14 1372 1372 2.out	1155.6	0.035	0.35	1.6	96	0.693	Nosema	1	DYFKRLGEK	9	ABE26649_1	pol polyprotein	0.9548

Test 49

Sr No	File Name	(M+H)	⁴ M	⁴ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
1	2008-03-21-15 1863 1863 2.out	1117.6	1.868	0.28	2.16	245	0	IAPVIIAPV	2	NVTM*QVNAPK	11	YP_001040003_1	structural polyprotein	0.9917
16	2008-03-21-15 1746 1746 3.out	1777.8	0.49	0.36	2.15	149	0	IAPVIIAPV	2	M*LNSWM*EECIQYAK	16	YP_001040002_1	polymerase polyprotein	0.9721
14	2008-03-21-15 1787 1787 .3.out	1743	0.874	0.38	2.06	95	0.693	Nosema	1	DQTKNINTVKEVILK	15	ABV48897_1	hypothetical spore wall protein	0.9997
15	2008-03-21-15 2050 2050 3.out	1750.9	1.218	0.44	1.99	168	0	IAPVIIAPV	2	VDLCAEVRNKVEFTK	15	YP_001040002_1	polymerase polyprotein	1
12	2008-03-21-15 1543 1543 3.out	1718.8	0.757	0.31	1.94	131	0	IVV6	1	NNKYVTNYEDDTK	14	NP_149608_1	145L	0.984
2	2008-03-21-15 1809 1809 2.out	1174.7	1.09	0.49	1.93	99	0.693	IVV6	1	LDGVSCILINK	11	NP_149668_1	205R	0.9989
20	2008-03-21-15 1901 1901 3.out	1961	0.028	0.25	1.92	168	1.609	ABPV	1	PITKLM*CPETVSNNVSIV	19	AAO43637_1	structural protein	0.9821
18	2008-03-21-15 1405 1405 3.out	1817.9	1.025	0.37	1.84	220	0	BQCV	1	VEGNDGAPEAYEPKSR	17	AAD27696_1	helicase domain C	0.9994
4	2008-03-21-15 1375 1375 2.out	1185.6	1.926	0.41	1.82	165	0	IVV6	1	KAFM*KNQFR	10	NP_149612_1	149L	0.9879
9	2008-03-21-15 2166 2166 3.out	1675	1.746	0.42	1.81	50	3.367	IVV6	1	PFFANLLSVLNKPSK	15	NP_149508_1	045L	0.9996
19	2008-03-21-15 1751 1751 3.out	1956.1	0.379	0.42	1.65	162	0.693	IVV6	1	DKCLPNNIALRCIIMK	17	NP_149668_1	205R	0.986
5	2008-03-21-15 2059 2059 2.out	1194.6	1.73	0.41	1.55	142	0	Nosema	1	KVVSVAWSHCK	11	AAT12293_1	DNA repair helicase RAD25	0.9996
8	2008-03-21-15 1954 1954 3.out	1667.8	0.943	0.42	1.5	125	0	ABPV	1	VLSQGMKVCEEWWMK	14	NP_066241_1	replicase polyprotein	0.9942

Test 50

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
9	2008-03-21-16 2025 2025 3 out	1666 9	1 829	0 48	2 3	190	0 693	Nosem	1	NISHVCCITFRKLR	14	AAL28053 1	AF406785_2 checkpoint protein kinase	0 9886
16	2008-03-21-16 2068 2068 3 out	1704 9	1 946	0 41	2 15	196	0	Nosem	1	WLGPFTIKTKTROEK	14	ABE26650 1	pol polyprotein	0 9923
22	2008-03-21-16 1672 1672 3 out	1853 9	0 454	0 42	2 05	107	1 099	IV6	1	SVGDYGGDKATFEPILGK	18	NP_149500 1	037L	0 9524
6	2008-03-21-16 1175 1175 2 out	1204 7	1 449	0 29	2 01	435	0	IV6	1	NAERFVEVLK	10	NP_149548 1	085L	0 9905
12	2008-03-21-16 2458 2458 3 out	1681 9	1 167	0 49	1 98	258	0	IV6	1	PLNARTM*GSLIFM*AK	17	NP_149647 1	184R	1
5	2008-03-21-16 1354 1354 2 out	1191 7	1 988	0 36	1 95	603	0	KBVKIKBVKBV	3	LFDKTLITL	10	NP_851403 1	non-structural polyprotein	0 9951
7	2008-03-21-16 1739 1739 2 out	1238 7	1 145	0 38	1 95	151	0	Nosem	1	LICHIKTEPGK	11	ABE26652 1	pol polyprotein	0 9935
1	2008-03-21-16 1179 1179 2 out	1110 6	0 746	0 48	1 82	223	0	IV6	1	SLQLM*GNFGK	11	NP_149745 1	282R	0 9962
2	2008-03-21-16 1544 1544 2 out	1115 6	0 669	0 35	1 82	323	0	IV6	1	QTAAGSGIALVK	12	NP_149622 1	159L	0 9848
19	2008-03-21-16 2032 2032 3 out	1787	1 218	0 48	1 75	118	1 099	SV/IV/SV	3	WMP*PINSIRVTVNNGKR	16	NP_049374 1	polyprotein	0 9861
23	2008-03-21-16 1690 1690 3 out	1858 9	0 552	0 43	1 74	96	1 386	IV6	1	IVDKYTIGLQNCYNVK	16	NP_149679 1	216R	0 9539
11	2008-03-21-16 2123 2123 3 out	1674 9	1 778	0 35	1 73	172	0	IV6	1	FINLCPVCPKSYFK	14	NP_149891 1	428L	0 9762
8	2008-03-21-16 1043 1043 3 out	1654 9	0 641	0 43	1 72	264	0	DWV/DWV/DWV/DWV	4	IKDGKQAAVGTOOPWR	15	ABM64815 1	polyprotein	0 9914
13	2008-03-21-16 1203 1203 3 out	1692 9	1 66	0 47	1 67	50	1 609	Nosem	1	KDVEKSKITEPLDYR	14	ABE27274 1	unknown	0 9928
21	2008-03-21-16 1892 1892 3 out	1849 1	1 416	0 36	1 67	161	0	IV6	1	VGTQYIKIRRISSIEK	16	NP_149758 1	295L	0 9899
3	2008-03-21-16 1863 1863 2 out	1142 6	1 858	0 43	1 65	219	0	IV6	1	LGIRNGYHGR	10	NP_149638 1	175R	0 994
25	2008-03-21-16 1753 1753 3 out	1899 9	1 367	0 36	1 65	112	0	Nosem	1	EM*M*QVLYSIEQINR	17	ABM26980 1	RNA polymerase II largest subunit	0 9952
4	2008-03-21-16 1339 1339 2 out	1179 7	0 018	0 37	1 64	521	0	IV6	1	PEILPLLTQR	10	NP_149731 1	268L	0 9772
14	2008-03-21-16 1961 1961 3 out	1696	0 56	0 37	1 57	383	0	IV6	1	LDAIEILPTKPGEATK	16	NP_149485 1	022L	0 9601
20	2008-03-21-16 1342 1342 3 out	1829 1	0 47	0 44	1 52	69	1 792	Nosem	1	ISTLGVEWIAEIKKK	16	AAD12605 1	RNA polymerase II largest subunit	0 9725
15	2008-03-21-16 2473 2473 3 out	1701	0 44	0 47	1 51	119	0 693	Nosem	1	IISKDGVRADITSVVK	16	ABE26650 1	pol polyprotein	0 9943
26	2008-03-21-16 1945 1945 3 out	2032 1	1 74	0 64	1 51	472	0	IV6	1	IFDISCQPNPRNLFLVR	17	NP_149851 1	388R	0 9906

Test 51

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
7	2008-03-21-17 1385 1385 3 out	1718 8	0 524	0 33	2 43	164	0	IV6	1	NNKVVNTYEDDDTK	14	NP_149608 1	145L	1
6	2008-03-21-17 1020 1020 3 out	1715 9	1 944	0 38	2 38	247	0	IV6	1	IVENLYLGNIQNGIR	15	NP_149586 1	123R	0 9632
8	2008-03-21-17 1466 1466 3 out	1730 9	1 791	0 45	2 1	136	0	IV6	1	IAIM*YPFNKKSQFLK	15	NP_149687 1	224L	1
3	2008-03-21-17 1415 1415 3 out	1688 8	1 872	0 47	2 02	90	1 609	SV/IV/SV/IV/SV/	14	NQSSEYSSRARIK	14	NP_049374 1	polyprotein	1
5	2008-03-21-17 1128 1128 3 out	1713 9	1 404	0 4	1 9	196	0	Nosem	1	ILDVVFGEHLCLLSR	15	AAL28052 1	AF406785 1 unknown	1
9	2008-03-21-17 1913 1913 3 out	1733 9	0 316	0 52	1 81	102	0 693	IV6	1	VSNLFSVDPVAKNICK	16	NP_149692 1	229L	1
4	2008-03-21-17 1206 1206 3 out	1696	1 046	0 41	1 79	155	0	IV6	1	LDAIEILPTKPGEATK	16	NP_149485 1	022L	1
11	2008-03-21-17 1317 1317 3 out	1817 9	1 075	0 46	1 79	148	0	8QCV	1	VEGNDGAPEAYEPKVSR	17	AAD27696 1	helicase domain C	1
10	2008-03-21-17 962 962 3 out	1775 1	0 004	0 41	1 67	161	0	IV6	1	LLNFILIFNALKSR	15	NP_149863 1	400R	1

Test 52

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
3	2008-03-21-18 1428 1428 2 out	1236 7	1 206	0 2	2 33	614	0	IV6	1	IFVFKNIIDK	10	NP_149561 1	098R	0 9935
9	2008-03-21-18 1451 1451 3 out	1769 9	0 252	0 4	2 04	256	0	IV6	1	M*EKETTFGLKLSEK	16	NP_149851 1	388R	0 9899
1	2008-03-21-18 1066 1066 2 out	1135 6	0 883	0 57	1 96	458	0	Nosem	1	LELDLDFQKK	9	AAT12296 1	chromosome segregation protein	0 9992
4	2008-03-21-18 1275 1276 3 out	1675	1 168	0 47	1 95	166	0 693	IV6	1	PFFANLLSVLNKPSK	15	NP_149508 1	045L	0 9941
6	2008-03-21-18 1655 1655 3 out	1718 9	1 102	0 44	1 82	266	0 693	IV6	1	IILNHEDSEHTGIK	15	NP_149589 1	126R	0 9616
2	2008-03-21-18 1392 1392 2 out	1158 6	1 991	0 47	1 8	202	0	IV6	1	KRNAEAWQR	9	NP_149676 1	213R	0 9822
8	2008-03-21-18 1477 1477 3 out	1754 9	1 368	0 39	1 55	120	2 197	IV6	1	RQEQM*LLESHNLLK	15	NP_149776 1	313L	0 999

Test 53

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
20	2008-05-07-01 787 787 3 out	1870 1	1 938	0 59	2 37	172	0	IV6	1	LETLTIKQDIDALQR	16	NP_149695 1	232R	0 9509
2	2008-05-07-01 1462 1462 2 out	1116 6	1 578	0 46	2 19	562	0	ABPV	1	LESEPLFEFGK	10	NP_066241 1	replicase polyprotein	0 9977
3	2008-05-07-01 918 918 2 out	1117 8	1 679	0 35	2 04	209	0	IV6	1	VILKLKYLLK	9	NP_149653 1	190R	0 9655
18	2008-05-07-01 1871 1871 3 out	1819 9	0 758	0 33	1 92	187	0	APVIIAPV	2	MQQHIDRINNEEKK	14	YP_001040002 1	polymerase polyprotein	0 9504
10	2008-05-07-01 1678 1678 2 out	1350 8	0 698	0 29	1 91	765	0	IV6	1	FLETLLKPFDK	11	NP_149666 1	203L	1
3	2008-05-07-01 601 601 2 out	1117 5	0 145	0 33	1 85	210	0 693	SV/IV/SV/	2	REASPNISDGKK	11	NP_049374 1	polyprotein	0 9935
13	2008-05-07-01 1961 1961 3 out	1715 9	1 559	0 44	1 85	153	0 693	Nosem	1	M*M*GTSFLSSRNILR	17	ABE27272 1	unknown	0 9952
24	2008-05-07-01 1555 1555 3 out	2064 1	0 703	0 55	1 82	357	0	IV6	1	LEELIKLYLESLYFK	16	NP_149851 1	388R	0 9903
12	2008-05-07-01 1715 1715 3 out	1701	1 602	0 44	1 79	277	0	Nosem	1	LTASVLP*RVWVVL	15	ABM26980 1	RNA polymerase II largest subunit	0 9797
7	2008-05-07-01 1957 1957 2 out	1179 7	0 944	0 36	1 78	162	1 099	IV6	1	PEILPLLTQR	10	NP_149731 1	268L	0 9954
9	2008-05-07-01 831 831 2 out	1344 7	0 262	0 33	1 76	393	0	IV6	1	IEENNLLEIK	11	NP_149776 1	313L	1
6	2008-05-07-01 826 826 2 out	1172 7	1 15	0 39	1 69	449	0	IV6	1	VQNNIEKSK	10	NP_149513 1	050L	0 9956
25	2008-05-07-01 1333 1333 3 out	2149	1 622	0 42	1 65	286	0	IV6	1	DLEMLNLNEENVTEDPM*K	19	NP_149856 1	393L	0 9973
11	2008-05-07-01 1789 1789 3 out	1685 9	0 356	0 38	1 63	180	1 099	IV6	1	TLTVYGGTSLLEFR	15	NP_149813 1	350L	0 9862
19	2008-05-07-01 1403 1403 3 out	1828	0 063	0 41	1 62	129	0	DWV	1	PEMDRILNLAEGLLNK	16	ABM26638 1	polyprotein	0 9737
22	2008-05-07-01 967 967 3 out	2047 2	1 156	0 4	1 62	112	0	Nosem	1	MPFNVAKGDRQAVFIK	18	AAT72741 1	deoxyuridine 5' triphosphate nucleotidyl hydrolase	0 9696
5	2008-05-07-01 990 990 2 out	1158 6	1 602	0 39	1 58	121	0	IV6	1	KRNAEAWQR	9	NP_149676 1	213R	0 9561
16	2008-05-07-01 65 65 3 out	1754 8	0 359	0 39	1 58	117	1 099	DWV/DWV/DWV/DWV/Kakugo/VDV/	8	QQYLODFMASYRAAR	14	NP_853560 2	polyprotein	0 9536

Test 54

Test 55

Sr No	File Name	(M+H)	^M	^Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
3	2008-05-07-05 600 600 2.out	1162	6	1.185	0.32	2.14	493	0	IIIV6	1MSDIIIDL	R	10	NP_149548	1 085L	0.9998	
4	2008-05-07-05 1143 1143 2.out	1184	7	0.818	0.71	1.97	725	0	IIIV6	1IKDIIIDL	Q	10	NP_149695	1 232R	0.9966	
11	2008-05-07-05 761.761 3.out	1780	9	0.847	0.37	1.91	109	1	3.86	Nosema	1ISAEDNL	LIIFDEM*VR	16	AAB62549	1 glutamyl-tRNA synthetase	0.9823
13	2008-05-07-05 1331 1331 3.out	2016	0.351	0.41	1.71	146	1	0.999	IIIV6	1LEGQHK	IEYEGILTETR	17	NP_149635	1 172L	0.9915	
2	2008-05-07-05 1254 1254 2.out	1143	7	1.94	0.41	1.7	349	0	Nosema	1LISL	TRLLSK	10	ABE26651	1 pol polyprotein	0.9859	
12	2008-05-07-05 1809 1809 3.out	1930	1	1.556	0.52	1.7	98	0	693	Nosema	1IPSQTAQI	QTAISDLESK	18	ABE27271	1 unknown	0.9651
1	2008-05-07-05 234 234 1.out	817	4	2	0.45	1.56	62	0	IIIV6	1LLD	EEAK	7	NP_149917	1 454R	0.9542	

Test 5

Sr No	File Name	(M+H) ⁺	^a M	^a Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
8	2008-05-07-1792 1792 2 out	1469 9	1 86	0 53	2 3	133	0	VDV1 VDV1	2	M*GTLNIRVIAPLR	14	ACF24765 1	polyprotein	0 9557
6	2008-05-07-862 862 2 out	1344 7	1 487	0 37	2 19	366	0	IV6	1	IENENNLEEK	11	NP_149776 1	313L	1
15	2008-05-07-1358 1358 3 out	2016	0 594	0 37	2 18	163	0	IV6	1	LEQQHKHEIYEGLTETR	17	NP_149635 1	172L	0 9759
1	2008-05-07-1060 1060 1.out	700 51	1 126	0 15	1 91	404	0	Nosema	1	VXDIKL	6	ABM26977.1	RNA polymerase II largest subunit	1
7	2008-05-07-858 858 2.out	1346 7	1 169	0 38	1 9	204	0 693	Nosema	1	KDLVIVQOAM*DK	13	ABO69715 1	unknown	0 9933
12	2008-05-07-2081 2081 3.out	1724 9	1 871	0 36	1 88	194	0 693	IV6	1	EKIVSSNFQFLWVK	14	NP_149592 1	129R	0 9585
16	2008-05-07-1679 1679 3.out	2064 1	1 846	0 52	1 85	249	0	IV6	1	LEELILKLYLELSYLFK	16	NP_149851 1	388R	0 9782
13	2008-05-07-1576 1576 3.out	1815	1 158	0 51	1 73	146	0	Nosema	1	EVVLPSDEIIFESLPIK	16	ABE27277 1	unknown	0 9953
19	2008-05-07-1223 1223 3.out	2347 2	0 077	0 46	1 65	163	0	ABPV	1	LIMGPETVSSNVSVVWKWAED	21	AAK58193 1	structural protein	0 9835
5	2008-05-07-1722 1722 2.out	1268 6	0 333	0 35	1 58	483	0	IV6	1	DKMQIYVVEDK	10	NP_149676 1	213R	0 9501
18	2008-05-07-2121 2121 3.out	2239 1	1 811	0 41	1 56	193	0	IV6	1	FVDAIM*DGNAEFAALLVNNNR	21	NP_149752 1	289L	0 9781
9	2008-05-07-0561 561 2.out	1495 7	1 623	0 34	1 53	366	0	IV6	1	FHNEKIVCSGSFQ	13	NP_149713 1	250L	0 9794
10	2008-05-07-1556 1556 2.out	1565 9	0 101	0 41	1 51	194	0	Nosema	1	FIVYIKSILDNIK	13	ABE27277 1	unknown	0 9973

Test 58														
Sr No	File Name	(M+H)	¹ M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
15	2008-05-07-11 2733 2733 2.out	1457.9	0.44	0.61	3.71	1370	0	Nosemal	5	IAQVVVSITASLR	14	AAB23350 1	alpha-tubulin	1
31	2008-05-07-11 1968 1968 2.out	1790.9	0.046	0.68	2.96	657	0	Nosemal	1	SYELPDGGVNGSER	16	AAB66863 1	actin	0.9971
48	2008-05-07-11 2141 2141 3.out	2036.2	0.855	0.31	2.73	1169	0	IlV6	1	DQLIDLAQSLGUNPGKLLK	19	NP_149635 1	232R	0.9868
27	2008-05-07-11 3875 3875 3.out	1740	1.641	0.49	2.57	312	0	IlV6	1	EVFPVKEGVVLUQNL	16	NP_149486 1	023L	0.9968
7	2008-05-07-11 1098 1098 2.out	1199.7	0.656	0.4	2.48	550	0	IlV6	1	KVNIQNKDKI	10	NP_149674 1	211L	0.9748
55	2008-05-07-11 2921 2921 2.out	2173.1	1.684	0.53	2.35	209	0	Nosemal	1	VKILTAYHETGHGSASN*K	21	ABE16653 1	pol polyprotein	0.9834
20	2008-05-07-11 2354 2354 2.out	1524.9	1.838	0.45	2.32	243	0	IlV6	1	SLGVVNEQLKVNPK	14	NP_149659 1	396L	0.996
79	2008-05-07-11 3372 3372 3.out	3471.9	1.27	0.36	2.29	99	0	IlV6	1	EIQVNLQTQFLPFPNLCITLEDILTFILK	30	NP_149479 1	016L	0.991
18	2008-05-07-11 2276 2276 2.out	1498.8	0.766	0.42	2.27	638	0	IlV6	1	EIFICYREGIKK	12	NP_149500 1	037L	0.9899
35	2008-05-07-11 1143 1143 3.out	1844.9	0.074	0.45	2.26	331	0	WDV1 VDV1 VDV1	3	LNLSPVCPGDVG*LHSK	18	AAP49283 1	polyprotein	0.9683
28	2008-05-07-11 3438 3438 2.out	1745	0.01	0.31	2.24	526	0	IlV6	1	LIFYIVTKEKSYLK	14	NP_149495 1	032R	0.9821
72	2008-05-07-11 2630 2630 3.out	2886.5	1.856	0.34	2.24	340	0	Nosemal	1	DDLM*SRAPAATEPSSRPVLPQQFFK	27	AB069723 1	unknown	0.9636
46	2008-05-07-11 2921 2921 2.out	2011.1	0.874	0.4	2.21	298	0	KBV KBV	2	TDIRPLSVHGMISDIKTK	18	NP_149643 1	non-structural polyprotein	0.9764
12	2008-05-07-11 1854 1854 2.out	1329.8	0.756	0.32	2.19	357	1.609	IlV6	1	VEKGLSISQIKK	12	NP_149608 1	145L	0.9754
21	2008-05-07-11 1524 1524 2.out	1534.8	1.92	0.48	2.12	936	0	Nosemal	1	MPFGLVNGPATFQR	14	ABE26655 1	pol polyprotein	0.9921
62	2008-05-07-11 2701 2701 3.out	2320.1	0.092	0.42	2.12	146	0	IlV6	1	CAKGCCILNFNTIEIHHFKNK	20	NP_149877 1	414L	0.9842
3	2008-05-07-11 4471 4471 2.out	1115.6	1.616	0.38	2.09	804	0	IlV6	1	QTAAGSGIALVK	12	NP_149622 1	159L	0.9759
40	2008-05-07-11 1673 1673 3.out	1946	1.486	0.47	2.09	558	0	IlV6	1	VQKCIENVGKFLDPNNK	17	NP_149832 1	369L	0.9756
76	2008-05-07-11 3103 3103 3.out	3020.4	1.512	0.57	2.01	151	0	VDV1 VDV1 VDV1 VDV1 VDV1 VDV1	29	ACF24765 1	polyprotein	0.963		
2	2008-05-07-11 520 520 3.out	2165.2	0.379	0.42	1.98	249	0	IlV6	1	YQQLAKPINIVTESNAYRK	19	NP_149612 1	149L	0.9934
1	2008-05-07-11 1141 1141 1.out	705	1.196	0.19	1.95	414	0	Nosemal	1	VADIIK	6	ABM26977 1	RNA polymerase II largest subunit	1
56	2008-05-07-11 1467 1467 3.out	2194.2	1.792	0.4	1.94	374	0	IlV6	1	LLILFLSTFVTVYASCR	19	NP_149577 1	114L	0.9768
44	2008-05-07-11 785 785 3.out	1999	0.774	0.39	1.93	287	0	IlV6	1	QSISSMILTSVAFCDK	19	NP_149526 1	063R	0.951
60	2008-05-07-11 159 159 3.out	2278.3	0.524	0.43	1.93	201	0.693	IlV6	1	EVKVNIVHPLSNLNLNLYGLK	20	NP_149501 1	037L	0.9961
16	2008-05-07-11 1395 1395 2.out	1485.9	0.79	0.46	1.92	677	0	Nosemal	1	ISRRLTIFPLNL	12	AT12296 1	chromosome segregation protein	0.984
69	2008-05-07-11 2897 2897 3.out	2653.4	0.97	0.37	1.91	192	0	BQCV	1	VKFATNIVHSLM*LLNNHVQCDIAK	24	NP_620565 1	structural polyprotein	0.9629
50	2008-05-07-11 3483 3483 3.out	2049	1.628	0.37	1.9	284	0	IlV6	1	TTSSGTSEFVYAGIEVLND	20	NP_149906 1	443R	0.9841
14	2008-05-07-11 2130 2130 2.out	1374.8	0.827	0.42	1.88	397	0	IlV6	1	LNSK-TISENKK	12	NP_149560 1	045L	0.965
36	2008-05-07-11 1057 1057 3.out	1923	1.753	0.37	1.88	390	0	Nosemal	1	EIRISSIIQFTEEDK	16	ABE26653 1	pol polyprotein	0.9543
42	2008-05-07-11 744 744 3.out	1966.1	1.253	0.49	1.86	98	1.099	WDV1 WDV1 WDV1 WDV1 Kekugo VDV1	17	NP_149560 2	polyprotein	0.9536		
73	2008-05-07-11 3023 3023 3.out	2907.4	0.097	0.61	1.85	145	0	IlV6	1	FDSNSISPCTFHM*HNLGYDIIHK	26	NP_149475 1	012L	0.9901
10	2008-05-07-11 4567 4567 2.out	1268.6	0.184	0.37	1.84	283	0	IlV6	1	DKMGIQYEDK	10	NP_149676 1	213R	0.9811
11	2008-05-07-11 1176 1176 2.out	1276.7	0.76	0.37	1.84	557	0	IlV6	1	SKKELMDALNK	11	NP_149864 1	401R	0.9763
25	2008-05-07-11 4305 4305 3.out	1735.8	1.392	0.44	1.83	128	1.609	SV SV SV	15	3STS TIPPE*AHLEEK	16	NP_049374 1	polyprotein	0.9811
37	2008-05-07-11 4729 4729 3.out	1926	1.238	0.46	1.83	210	0	IlV6	1	LDSYSLNFAVKHFLGSK	17	NP_149500 1	037L	0.9523
9	2008-05-07-11 746 746 2.out	1242.7	1.826	0.44	1.82	343	0.693	Nosemal	1	LNKALELNSNK	11	ABV48899 1	hypothetical spore wall protein	0.9979
74	2008-05-07-11 3259 3259 3.out	2926.6	1.364	0.4	1.82	131	1.386	IlV6	1	1KNNLLEIFLYNNIHDESNILIG	25	NP_149534 1	071L	0.9701
51	2008-05-07-11 1208 1208 3.out	2061.8	0.552	0.41	1.81	437	0	Nosemal	1	SKTIISEGTENDPDGYTCGCKN	20	ABM26977 1	RNA polymerase II largest subunit	0.9812
41	2008-05-07-11 4367 4367 3.out	1961	0.149	0.38	1.8	170	1.386	IlV6	1	FDPITLTFENAYFK	16	NP_149500 1	037L	0.9759
4	2008-05-07-11 372 372 2.out	1116.6	1.017	0.37	1.79	220	0.693	ABPV	1	LSEPLFEPGK	10	NP_066241 1	replicase polyprotein	0.9958
6	2008-05-07-11 4457 4457 3.out	2412.2	1.592	0.45	1.79	70	1.609	SV SV SV	7	GEEVEAYTTLNSTFLKHGFR	21	AA179021 1	AF469603 1 polyprotein	0.9832
29	2008-05-07-11 4573 4573 3.out	1748.9	1.146	0.47	1.77	193	1.386	IlV6	1	LNE SREIVSAEM*VVK	15	NP_149639 1	176R	0.9639
5	2008-05-07-11 1473 1473 2.out	1140.7	0.603	0.4	1.76	695	0	Nosemal	1	LLDVKAKLQK	10	ABE26648 1	pol polyprotein	0.9826
66	2008-05-07-11 1803 1803 3.out	2546.3	0.066	0.39	1.74	353	0	IlV6	1	PEVCNIALRVLNCNCFEDNIK	22	NP_149639 1	176R	0.9831
45	2008-05-07-11 4150 4150 3.out	2005.1	0.679	0.39	1.71	322	0	Nosemal	1	KGILERLMTASDLDLTK	18	ABO69717 1	unknown	0.9711
63	2008-05-07-11 2816 2816 3.out	2393.3	0.697	0.44	1.71	263	0	IlV6	1	YLDNSNTSYKINVAKEIIFK	20	NP_149713 1	250L	0.9746
43	2008-05-07-11 1225 1225 3.out	1974.1	1.746	0.45	1.67	131	0	IlV6	1	1MHVLTITRITTIMEK	17	NP_149872 1	411L	1
22	2008-05-07-11 4451 4451 3.out	1655.9	1.652	0.4	1.66	308	0	SV	1	DILVGEVKTLQDGLR	15	AAT44573 1	structural polyprotein	0.9958
24	2008-05-07-11 3437 3437 3.out	1733.9	1.105	0.42	1.66	100	1.099	Nosemal	1	1YHNYKEGDRVVK	14	ABE26650 1	pol polyprotein	0.9885
6	2008-05-07-11 1897 1897 2.out	1143.6	1.68	0.47	1.64	435	0	Nosemal Nosemal	2	LAVNMVFPFP	10	AAN35161 1	β -tubulin	0.9594
13	2008-05-07-11 3700 3700 2.out	1336.7	0.26	0.57	1.64	198	0	IlV6	1	M'SLEEKVKNDK	12	NP_149578 1	115R	0.9684
70	2008-05-07-11 2927 2927 3.out	2700.4	1.325	0.44	1.64	164	0	APV APV	2	MNPDVKQQGASRMVTEFPVNPLEK	24	YP_001040003 1	structural polyprotein	0.9733
77	2008-05-07-11 2220 2220 3.out	3099.6	1.669	0.49	1.63	115	0	APV APV	2	MWVTDJDFFLHQDINDCTGFTLTVDK	26	YP_001040002 1	polymerase polyprotein	0.99
71	2008-05-07-11 3356 3356 3.out	2756.4	0.785	0.49	1.6	192	0	IlV6	1	1QGNJINTYVGVYNNINGILTLFDR	25	NP_149605 1	142R	0.9719
8	2008-05-07-11 48 48 2.out	1223.7	0.145	0.39	1.58	336	0	IlV6	1	SLLQNTYKEK	10	NP_149557 1	094L	0.9963
59	2008-05-07-11 3778 3778 3.out	2270.1	1.579	0.51	1.57	48	2.944	IlV6	1	1SKWLMLNPDDFKM*AM*GLK	21	NP_149674 1	211L	0.9738
52	2008-05-07-11 275 275 3.out	2110.9	1.484	0.55	1.56	261	0	Nosemal	1	1EDLYYSSDLSLNESSLSK	19	ABE27276 1	unknown	0.9873
2	2008-05-07-11 411 411 1.out	703.4	0.173	0.36	1.55	168	0	IlV6	1	1NKNISK	6	NP_149877 1	414L	1
65	2008-05-07-11 1989 1989 3.out	2532.1	1.868	0.44	1.53	78	2.079	IlV6	1	1AKVM*AWDIEVYSEDGNFPDAMK	23	NP_149500 1	037L	0.9886
78	2008-05-07-11 2343 2343 3.out	3342.6	0.18	0.46	1.51	66	0.693	IlV6	1	1CQEAYTENELNSFKKIAIDTPYMMYK	28	NP_149821 1	369L	0.9703

Test 60

Test 6

Sr No	File Name	(M+H) ⁺	^Δ M	^Δ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
12	2008-05-07-15 599 599 3.out	1776	0.351	0.37	2	14	526	0	Nosema	1SEIIIGEYDLVRLIK	15	ABE27273	1 unknown	0.9975
13	2008-05-07-15 1758 1758 3.out	1780	0	0.345	0.34	194	140	0.693	Nosema	1ISAEDNLIFDEM*VR	16	AAB62549	1 glutamyl-tRNA synthetase	0.9665
2	2008-05-07-15 742 742 2.out	1157	0	0.761	0.3	18	172	0.693	IV6	1AIGGGIKDKNGK	12	NP_149717	1 254L	0.9942
14	2008-05-07-15 1606 1606 3.out	1932	1	0.293	0.36	174	236	0	IV6	1LTINE*INFVDFIQPR	16	NP_149806	1 343L	0.9831
4	2008-05-07-15 1900 1900 2.out	1215	6	0.589	0.53	17	421	0	IV6	1DLDLDKNLNR	10	NP_149879	1 416R	0.9932
11	2008-05-07-15 4694 4694 3.out	1757	8	1.617	0.41	159	156	0	ABPV	1VIAGDFSTFDGLNVCI	17	AAD02102	1 RNA polymerase	0.9994
9	2008-05-07-15 4560 4560 3.out	1742	8	1.98	0.43	155	285	0	Nosema	1WDRHGVPEVYEIDK	14	AAC41564	1 isoleucyl-tRNA synthetase	0.9872
10	2008-05-07-15 154 154 3.out	1744	0.975	0.39	152	211	0.693	IV6	1STREILIEPIQFGK	15	NP_149691	1 228L	0.9625	
3	2008-05-07-15 958 958 2.out	1214	7	1.107	0.39	15	133	0	Nosema	1M*PLVQRVVEK	11	AAC47660	1 mitochondrial-type HSP70	0.9845

Test 62

Sr No	File Name	(M+H) ⁺	¹ H	¹³ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
10	2008-05-07-16 93 93 2.out	1202.7	1.28	0.12	2.78	625	0	IV6	1	KFPTLEINK	10	NP_149688.1	225R	0.9727
20	2008-05-07-16 910 910 2.out	1344.7	1.942	0.34	2.54	386	0.693	IV6	1	IENENNLEEK	11	NP_149776.1	313L	0.9964
64	2008-05-07-16 1567 1567 3.out	2060.1	0.43	0.42	2.46	230	0.693	Nosema	1	DIVDVYDNYHGKMPFNVAK	18	AAT2741.1	deoxyuridine 5' triphosphate nucleotide hydrolase	0.9986
41	2008-05-07-16 3250 3250 3.out	1745.9	1.747	0.42	2.38	418	0	Nosema	1	EDDKIEDLNFLIGPK	15	AAT12293.1	DNA repair helicase RAD25	0.998
3	2008-05-07-16 1011 1011 1.out	930.5	1.224	0.32	2.29	363	1.099	IV6	1	EADILEK	8	NP_149624.1	161L	1
45	2008-05-07-16 4292 4292 3.out	1767.9	1.578	0.37	2.25	338	0	KBVIKBVIKBV	4	PLTSGPTQVYNNPPAVAR	17	YP_308662.1	VP2	0.9861
21	2008-05-07-16 1611 1611 2.out	1347.7	1.163	0.24	2.11	158	0	ABPV	1	KNNSNKM'ATPVK	13	NP_066242.1	capsid protein	0.9897
35	2008-05-07-16 4124 4124 3.out	1655.9	1.378	0.34	2.1	139	0	SV	1	DILVGVEKTLQDGLR	15	AAT45735.1	structural polyprotein	0.9811
57	2008-05-07-16 1142 1142 3.out	1936	1.881	0.46	2.01	117	0.693	IV6	1	EVLGTVQCLMSESEKIK	17	NP_149639.1	176R	0.9719
32	2008-05-07-16 1977 1977 2.out	1635.9	1.902	0.48	2.357	0	Nosema	1	RCAAFAFRSAVLAAPFR	15	AAT12295.1	phospholipase D	0.9716	
50	2008-05-07-16 4250 4250 3.out	1828.1	1.695	0.49	2	197	0	IV6	1	TISSKLNLVLFSKHLK	16	NP_149518.1	055R	0.9957
19	2008-05-07-16 3210 3210 2.out	1331.7	0.914	0.24	1.99	201	0.693	Nosema	1	NSDHQKFKPK	11	ABV48894.1	hypothetical spore wall protein	0.9828
42	2008-05-07-16 3448 3448 3.out	1754.6	0.406	0.38	1.99	239	0	IV6	1	M'CDKEM'CDKEMCEK	16	NP_149633.1	170L	0.9985
46	2008-05-07-16 4278 4278 3.out	1774.9	1.337	0.5	1.99	249	0	Nosema	1	GYKDKFISPTDYNVK	15	ABQ69717.1	unknown	0.9974
52	2008-05-07-16 143 143 3.out	1851.9	1.607	0.48	1.99	203	0	IV6	1	SLSSQINKGAAVEEGYRN	17	NP_149891.1	428L	0.9611
1	2008-05-07-16 1075 1075 1.out	700.5	1.148	0.15	1.96	412	0	Nosema	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	1
49	2008-05-07-16 3417 3417 3.out	1806.9	1.375	0.4	1.89	118	0.693	IV6	1	PFENKFFIHOQICQR	14	NP_149669.1	406R	0.996
11	2008-05-07-16 1596 1596 2.out	1208.6	1.903	0.26	1.86	415	0	IV6	1	DVIDOPFFK	10	NP_149647.1	184R	0.9649
7	2008-05-07-16 1442 1442 2.out	1173.7	1.957	0.27	1.85	230	0.693	IV6	1	LNNDISTLKR	10	NP_149886.1	423L	0.9969
15	2008-05-07-16 1969 1969 2.out	1295.6	1.229	0.39	1.95	384	0	DWV/DWV/DWV/DWV	4	SSSTRSLSTDVK	12	NP_85356.2	polyprotein	0.9895
12	2008-05-07-16 3529 3529 2.out	1213.7	1.948	0.28	1.84	254	0	IV6	1	ELNQILDKIK	10	NP_149916.1	453L	0.9722
44	2008-05-07-16 4108 4108 3.out	1765	0.867	0.44	1.84	142	0	SV	1	OKGDTVTGHLVTPVVK	17	AAK16277.1	polyprotein	0.9533
76	2008-05-07-16 2804 2804 3.out	2648.4	0.109	0.39	1.83	169	0	Nosema	1	QDQSPNPFKTLFALKPKTLDLFK	23	ABO69717.1	unknown	0.9986
47	2008-05-07-16 3762 3762 3.out	1788	1.472	0.35	1.82	237	0	IV6	1	ASTLTLTREQALKLSSLR	16	NP_149748.1	285L	0.9738
68	2008-05-07-16 1813 1813 3.out	2165.1	1.119	0.39	1.82	334	0	Nosema	1	VWEQKRNKRVSSSSVSGEMK	20	ABO69717.1	unknown	0.9984
25	2008-05-07-16 2151 2151 2.out	1433.8	0.552	0.37	1.81	334	0	IV6	1	TTEDDPSSIVSK	13	NP_149687.1	224L	0.9978
9	2008-05-07-16 3872 3872 2.out	1188.6	0.345	0.31	1.75	206	0.693	Nosema	1	DEQEERGTTK	10	AAT2743.1	translation elongation factor 2	0.9794
37	2008-05-07-16 1885 1885 2.out	1714.8	1.778	0.34	1.75	315	0	IV6	1	NNLNPFFEDFTEVK	14	NP_149832.1	369L	0.9983
48	2008-05-07-16 3364 3364 3.out	1789	0.811	0.45	1.75	184	0.693	Nosema	1	GFLLTIDTVYSRFR	15	ABE26651.1	pol polyprotein	0.9983
70	2008-05-07-16 2850 2850 3.out	2275.3	1.662	0.43	1.72	159	0	Nosema Nosema Nosema	1	RSTRDVVLVLDNSFSHYLK	19	ABV48889.1	spore wall protein	0.997
14	2008-05-07-16 3719 3719 2.out	1244.7	0.509	0.34	1.71	158	0.699	Nosema	1	LDALSGHYHQIK	11	ABE26655.1	pol polyprotein	0.9879
30	2008-05-07-16 2265 2265 2.out	1568.9	0.912	0.31	1.71	183	0	Nosema	1	AUDKIQLEERK	13	ABE27271.1	unknown	0.9974
67	2008-05-07-16 2268 2268 2.out	2150.1	1.52	0.43	1.71	25	0.079	Nosema	1	FSSTSSNPFVHM'DSITASSTK	21	AAB54170.2	Hypothetical protein C44E4.2	0.9927
29	2008-05-07-16 2922 2922 2.out	1542.8	1.55	0.33	1.7	384	0	Nosema	1	NENMKYYRAIK	12	AAB62548.1	glutamyl-tRNA synthetase	0.9812
31	2008-05-07-16 1327 1327 2.out	1626.9	1.164	0.32	1.71	120	0	IV6	1	YPKFLNCLKIPK	13	NP_149608.1	145L	0.9748
27	2008-05-07-16 2664 2664 2.out	1474.7	1.894	0.42	1.67	191	0	IV6	1	YAKETYPNVDFK	12	NP_149698.1	235L	0.9962
34	2008-05-07-16 1678 1678 3.out	1655.8	0.325	0.46	1.67	131	0	IV6	1	CNKYHNLVNFYNYK	13	NP_149545.1	082L	0.9972
5	2008-05-07-16 3882 3882 2.out	1157.6	0.43	0.39	1.65	226	0	IV6	1	LNDSPIOSKR	10	NP_149891.1	428L	0.9966
72	2008-05-07-16 1904 1904 3.out	2301.2	1.517	0.45	1.65	169	0	IV6	1	LNEEALFYEYLVSKKDL	19	NP_149549.1	086R	0.9862
13	2008-05-07-16 3826 3826 2.out	1216.6	1.52	0.31	1.64	260	0	IV6	1	M'DSLKASSAYK	12	NP_149672.1	209R	0.9806
51	2008-05-07-16 2466 2466 2.out	1840.9	0.341	0.46	1.64	145	0	Nosema	1	YDINNDDVVRRAAM'EK	16	ABO69724.1	unknown	0.9724
74	2008-05-07-16 765 765 3.out	2519.2	0.549	0.4	1.63	147	0	IV6	1	DLHDHDSTGFGW'NLKCLNEITK	22	NP_149877.1	414L	0.9797
36	2008-05-07-16 4012 4012 3.out	1667.8	1.809	0.42	1.61	215	0.693	SV	1	LFCNPPIDYVSMR	14	ABC5195.1	polyprotein	0.9556
4	2008-05-07-16 4164 4164 2.out	1120.7	0.947	0.34	1.6	270	0	IV6	1	NLTKFKEK	9	NP_149832.1	369L	0.9892
60	2008-05-07-16 3659 3659 3.out	1961.1	0.69	0.45	1.6	132	2	197	1	PITKL'M'CPETVSVNNSVIV	19	AQD43637.1	structural protein	0.9978
62	2008-05-07-16 3436 3436 3.out	2016	0.213	0.4	1.57	133	1.609	IV6	1	LEQGHKEIYEGLTETR	17	NP_149635.1	172L	0.9864
73	2008-05-07-16 1780 1780 3.out	2361.2	0.289	0.56	1.57	117	169	Nosema	1	AWVEVSDNTPTQVASQMQKKNK	21	ABO69713.1	Sec61alpha	0.9936
59	2008-05-07-16 2614 2614 2.out	1949.1	0.578	0.36	1.56	118	0	Nosema	1	RFACALVLAARMSEIAAR	18	AAL28056.1	AF406785.5 unknown	0.9968
39	2008-05-07-16 1279 1279 3.out	1724.8	0.093	0.42	1.55	171	0.693	Nosema	1	KNREMY'DNGDPEK	15	ABV48894.1	hypothetical spore wall protein	1
54	2008-05-07-16 4076 4076 3.out	1881.9	1.721	0.45	1.55	188	0	IV6	1	QMVADFGKNMYSDFK	16	NP_149579.1	116L	0.995
75	2008-05-07-16 2491 2492 3.out	2543.4	0.948	0.41	1.55	94	0.693	SV SV SV	3	IRPSLQNLVGDLPVSEPCILDK	23	NP_049374.1	polyprotein	0.9964
71	2008-05-07-16 2496 2496 2.out	2280.1	0.185	0.47	1.54	79	0	IV6	1	QKVVDDAEWSNLTVFANDK	20	NP_149475.1	012L	0.9976
58	2008-05-07-16 2214 2214 2.out	1943.9	0.811	0.6	1.53	140	0	IV6	1	MTNQIMASMGKCCAK	18	NP_149891.1	428L	0.9915
16	2008-05-07-16 2062 2062 2.out	1297.8	1.687	0.36	1.52	260	0.693	SV	1	PKDVSSTIIPK	12	AAT45735.1	structural polyprotein	1
2	2008-05-07-16 1559 1559 1.out	8014.1	1.112	0.42	1.5	211	0	IV6	1	DPILESK	7	NP_149497.1	034R	1
6	2008-05-07-16 962 962 2.out	1158.6	1.204	0.41	1.5	166	0	Nosema	1	NGELLSGILDK	11	ABM26977.1	RNA polymerase II largest subunit	0.9787

Test 63

Sr No	File Name	(M+H) ⁺	¹ H	¹³ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
5	2008-05-07-17 1911 1912 2.out	1215.6	1.227	0.37	2.07	657	0	IV6	1	DLDLDNKNLRL	10	NP_149879.1	416R	0.9936
11	2008-05-07-17 1979 1979 3.out	1718.9	1.274	0.34	1.97	242	0	IV6	1	IILNHEDSEIHTGIK	15	NP_149589.1	126R	0.9919
15	2008-05-07-17 2031 2031 3.out	1779.1	1.278	0.32	1.93	150	0	IV6	1	VKGSSYYINRYFQK	14	NP_149758.1	295L	0.9986
14	2008-05-07-17 2001 2001 3.out	1777.8	1.197	0.32	1.88	266	0	IV6 IVP IVP	2	M'LNSWV'M'EECIYQAK	16	NP_001040002.1	polymerase polyprotein	0.9995
18	2008-05-07-17 1763 1763 3.out	1915.1	1.204	0.4	1.83	229	0	Nosema	1	DELAGTIGEEIIGDKAKR	18	ABY49795.1	hypothetical spore wall protein 13	0.9887
7	2008-05-07-17 1839 1839 2.out	1306.7	0.869	0.33	1.8	276	0	IV6	1	NLTTGQIQLNLYAR	12	NP_149647.1	184R	0.9609
6	2008-05-07-17 1016 1016 2.out	1263.7	1.235	0.41	1.79	317	0	IV6	1	IFVFKNIDK	10	NP_149561.1	098R	0.983</

Test 66

Sr No	File Name	(M+H) ⁺	M ⁺	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
9	2008-08-01-11 1951 1951.2.out	1229.7	1762	0.24	2.73	782	0	IV6	1	EIQLMKNILK	10	NP_149723.1	260R	0.9646
15	2008-08-01-11 1954 1954.2.out	1614.9	1274	0.38	2.6	691	0	IV6	1	TILTIVQVNINIEK	14	NP_149513.1	050L	0.9751
12	2008-08-01-11 1667 1667.2.out	1450.6	1366	0.29	2.46	413	0.693	IV6	1	M*NDNDDVIEEK	13	NP_149765.1	302L	0.9708
1	2008-08-01-11 1362 1362.1.out	700.5	1087	0.23	2.05	410	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
13	2008-08-01-11 1631 1631.2.out	1534.8	175	0.41	2.03	834	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655.1	pol polyprotein	0.9875
5	2008-08-01-11 1417 1417.2.out	1133.7	616	0.47	2.02	348	0	IV6	1	DDYILLLLR	9	NP_149867.1	404L	0.9965
35	2008-08-01-11 2204 2204.3.out	2927.6	0.712	0.41	1.94	135	0.693	IV6	1	QQLVITYHHTMLKVIIQRELWIMFK	23	NP_149894.1	431L	0.972
17	2008-08-01-11 2192 2192.3.out	1671.9	1894	0.42	1.88	227	0	Nosema	1	CLHMLRGVPIYEIK	14	ABO69719.1	unknown	0.9917
10	2008-08-01-11 2207 2207.2.out	1348.8	0.008	0.48	1.83	776	0	IV6	1	KFKDILATGDK	12	NP_149612.1	149L	1
20	2008-08-01-11 1765 1765.3.out	1738.9	0.04	0.52	1.83	236	1.386	Nosema	1	VVPYASPAFMIEKKNK	16	ABE26651.1	pol polyprotein	0.9875
26	2008-08-01-11 1058 1058.3.out	1982.1	1846	0.43	1.83	173	0	Nosema	1	VDALASRELGGLLARDGR	19	AAQ91616.1	unknown	0.9879
28	2008-08-01-11 1891 1891.3.out	2042.2	0.319	0.41	1.8	121	0	Nosema	1	IELSGADSTRIKALVELR	18	AAC47660.1	mitochondrial-type HSP70	0.9816
8	2008-08-01-11 1046 1046.2.out	1174.7	1164	0.5	1.78	274	0	IV6	1	LDGVSCLINK	11	NP_149668.1	205R	0.9569
34	2008-08-01-11 1764 1764.3.out	2452.3	162	0.37	1.73	321	0	IV6	1	HGNDSWVPELCENNQIEISSR	21	NP_149642.1	179R	0.9574
14	2008-08-01-11 5460 5461.2.out	1570.9	1139	0.55	1.72	343	0	IV6	1	VKSLSLTSPLTSPLAK	15	NP_149769.1	306R	0.9636
7	2008-08-01-11 2047 2047.2.out	1147.7	0.004	0.39	1.7	336	0	Nosema	1	FNQKQTLIR	9	ABY49796.1	hypothetical spore wall protein 14	0.9964
32	2008-08-01-11 2515 2515.3.out	2101.4	1448	0.47	1.67	178	0	Nosema	1	ERYNLVCPKNM*WQYKL	17	ABV48894.1	hypothetical spore wall protein	0.9986
4	2008-08-01-11 2167 2167.2.out	1122.5	0.594	0.43	1.62	207	0	IV6	1	SLMGNCPPSVK	11	NP_149555.1	092R	0.9758
6	2008-08-01-11 1253 1253.2.out	1146.6	0.133	0.46	1.62	355	0	Nosema	1	LSKEMNRIR	9	ABY49795.1	hypothetical spore wall protein 13	0.9912
25	2008-08-01-11 2135 2135.3.out	1925.8	1.024	0.59	1.6	55	1.792	IV6	1	M*SDSDYVDPYSYNILK	17	NP_149561.1	098R	0.9817
29	2008-08-01-11 1531 1531.3.out	2071.1	1.353	0.45	1.52	76	0	IV6	1	QHFINAKLYTNNIQQNK	17	NP_149668.1	205R	0.9564
21	2008-08-01-11 1938 1939.2.out	1763.1	0.402	0.51	1.51	482	0	Nosema	1	RMFVLAVIYLFLITK	15	AAL28057.1	AF406785.6 calmodulin-dependent protein kinase	1
11	2008-08-01-11 1769 1769.2.out	1399.6	1.576	0.49	1.5	306	0	IV6	1	FRSDQMQLSLMR	11	NP_149676.1	213R	0.9691

Test 67

Sr No	File Name	(M+H) ⁺	M ⁺	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
16	2008-08-13-07 1676 1676.2.out	1614.9	0.274	0.38	2.47	605	0	IV6	1	TILTIVQVNINIEK	14	NP_149513.1	050L	0.9904
10	2008-08-13-07 1874 1874.2.out	1285.7	0.282	0.38	2.31	861	0	IV6	1	EAQKIEKGNR	11	NP_149612.1	149L	0.993
11	2008-08-13-07 950 950.2.out	1344.7	1.59	0.26	2.19	311	0.693	IV6	1	IENENNLEELIK	11	NP_149776.1	313L	0.9952
1	2008-08-13-07 1175 1175.1.out	700.5	1.011	0.2	2.07	412	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
13	2008-08-13-07 1522 1522.2.out	1371.8	0.464	0.32	1.96	281	0	Nosema	1	NNILSLLKESLK	12	ABO69714.1	unknown	0.9939
24	2008-08-13-07 812 812.3.out	2024	1.966	0.53	1.93	256	0	IV6	1	VDTDAEWSNLTVVFANDK	18	NP_149475.1	012L	0.9697
4	2008-08-13-07 554 554.2.out	1179.5	0.657	0.32	1.89	563	0	Nosema	1	EVECLRAECK	10	ABV48890.1	hypothetical spore wall protein	0.9858
9	2008-08-13-07 1688 1688.2.out	1274.7	0.693	0.32	1.87	251	0	BQCV	1	KVEAYAPKVNR	11	NP_620564.1	nonstructural polyprotein	0.9972
3	2008-08-13-07 1238 1238.2.out	1143.7	0.386	0.35	1.85	310	0.693	Nosema	1	TLVTILADGIK	11	AAL28053.1	AF406785.2 checkpoint protein kinase	0.9567
8	2008-08-13-07 1286 1286.2.out	1264.7	1.76	0.51	1.78	440	0	IV6	1	INGLIDSEYK	11	NP_149758.1	295L	1
18	2008-08-13-07 1863 1863.2.out	1648.8	0.559	0.36	1.76	209	1.099	IV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	0.9952
17	2008-08-13-07 1176 1176.2.out	1631.8	0.293	0.37	1.73	148	0.693	IV6	1	IAODLQNGNM*VEIIK	16	NP_149618.1	155L	0.9909
5	2008-08-13-07 1149 1149.2.out	1179.7	0.347	0.33	1.71	322	0	IV6	1	PEILPLLTQK	10	NP_149731.1	268L	0.9691
25	2008-08-13-07 1026 1026.3.out	2249.2	0.732	0.57	1.71	186	1.099	IV6	1	HVHTIHHYLVRNYRYIK	17	NP_149537.1	074R	0.9951
21	2008-08-13-07 1902 1902.3.out	1793.9	0.601	0.42	1.69	207	0	Nosema	1	KTQSDQGTTKQEDK	16	ABE26649.1	pol polyprotein	0.951
15	2008-08-13-07 1737 1737.2.out	1532.7	0.486	0.39	1.67	465	0	ABPV	1	INKDFTKM*CWSK	13	NP_066241.1	replicase polyprotein	0.9931
6	2008-08-13-07 814 814.2.out	1218.7	0.523	0.46	1.63	404	0	Nosema	1	VLGRSIFAVTR	11	AAL28054.1	AF406785.3 pyruvate dehydrogenase E1 alpha subunit	1
14	2008-08-13-07 928 928.2.out	1453.7	0.282	0.35	1.62	199	0	IV6	1	INKEAFRNQOYR	11	NP_149701.1	307L	0.955
7	2008-08-13-07 968 968.2.out	1258.7	0.486	0.4	1.52	227	0	IV6	1	INKSPLLNESEK	11	NP_149523.1	060L	0.9891

Test 68

Sr No	File Name	(M+H) ⁺	M ⁺	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
4	2008-08-13-08 1293 1293.2.out	1156.7	0.469	0.74	3.63	812	0	KBV*KBV*KBV*KBV*KBV*KBV	6	IGP*SEVASGVK	12	ABH49472.1	VPA protein	0.9894
5	2008-08-13-08 1401 1401.2.out	1270.7	0.385	0.5	3.54	1661	0	ABPV*ABPV*ABPV*ABPV*ABPV*ABPV	5	WAEDWV*VEPK	11	NP_066242.1	capsid protein	0.9827
11	2008-08-13-08 1872 1872.3.out	1717.8	0.32	0.56	3.53	932	0	APV*APV	2	IMJDOTHSIQFLQR	14	YP_061040003.1	structural polyprotein	0.9996
13	2008-08-13-08 1754 1754.3.out	1733.8	1.281	0.52	3.44	1263	0	APV*APV	2	IMJDOTHSIQFLQR	15	YP_061040003.1	structural polyprotein	0.9961
17	2008-08-13-08 1736 1736.2.out	1790.9	0.267	0.62	3.34	731	0	Nosema	1	SYELPDGVQVKGSER	16	AAE68663.1	actin	0.9663
6	2008-08-13-08 1632 1632.2.out	1517.8	0.036	0.69	3.26	991	0	APV*APV	2	ITTDNWLQILQANTK	13	YP_061040003.1	structural polyprotein	0.9804
2	2008-08-13-08 1694 1694.2.out	1143.6	0.546	0.61	3.21	918	0	Nosema Nosema	2	LAVNMVMPFPK	10	AAN35161.1	beta-tubulin	0.9835
24	2008-08-13-08 1786 1786.3.out	2110.1	1.42	0.52	3.02	318	0	Nosema	1	IASLOKLEMEMHNNLVS	18	AAT1299.1	chromosome segregation protein	0.9996
3	2008-08-13-08 176 177.2.out	1149.6	0.193	0.65	2.74	984	0	APV*APV	2	ITTSIETN	19	YP_061040003.1	structural polyprotein	0.9659
8	2008-08-13-08 1559 1559.3.out	1671.7	1.919	0.4	2.03	139	0.693	Nosema	1	1RSVLINGTKQVVDN	15	ABE26650.1	pol polyprotein	0.9975
1	2008-08-13-08 1196 1196.1.out	700.5	1.092	0.22	2.01	404	0	Nosema	1	VXDIIK	6	ABM26977.1	RNA polymerase II largest subunit	1
26	2008-08-13-08 1068 1068.3.out	2496.1	0.045	0.47	1.97	142	0	Nosema	1	1SFDFVDTAEVYVEKFKM*CNNDK	22	ABO69725.1	unknown	0.977
19	2008-08-13-08 1390 1390.3.out	1907.9	0.748	0.63	1.94	386	0	APV*APV	2	2MYLAYSVDYDQVDTAR	16	YP_061040003.1	structural polyprotein	1
12	2008-08-13-08 1061 1061.3.out	1725.9	0.305	0.41	1.74	96	1.386	Nosema	1	1ERLM*KYMANL	15	AAE91269.1	20S proteasome alpha 5 subunit	1
27	2008-08-13-08 1188 1188.3.out	2498.3	0.036	0.54	1.67	44	1.386	Nosema	1	1M*FGKLFLLLDSVRPDI	22	ABV48899.1	hypothetical spore wall protein	0.9944
7	2008-08-13-08 783 783.3.out	1655.9	0.305	0.47	1.57	200	1.386	SV	1	1DLYGVKEKTLDDQLR	15	AAT45735.1	structural polyprotein	0.9971
18	2008-08-13-08 916 916.3.out	1888.9	0.151	0.43	1.51	60	0.693	IV6	1	1RSDCVFLHPGEK*PEK	17	NP_149595.1	132L	0.9984

Test 68A

Sr No	File Name	(M+H)	M	Δn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
38	2008-08-13-11 2133 2133 2.out	1790.9	1.374	0.63	4.14	851	0	No	1	SYELPDGVQVKGSER	16	AAB86863.1	actin	0.971
4	2008-08-13-11 1479 1479 2.out	1156.7	0.415	0.71	3.18	893	0	KBVIKBV KBV KBV KBV KBV KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	0.9809
26	2008-08-13-11 2111 2111 2.out	1614.9	0.56	0.35	2.88	674	0	lIv6	1	TILTAKVQNIIEK	14	NP_149513.1	050L	0.982
17	2008-08-13-11 1721 1721 2.out	1384.8	1.544	0.26	2.33	459	0	No	1	QLERNKLIEINK	11	ABE26652.1	pol polyprotein	0.9974
42	2008-08-13-11 4014 4014 3.out	1863.8	0.492	0.49	2.32	244	0	SV SISV	3	MMQYKSGDQRETSFQR	15	AAL79021.1	AF469603_1 polyprotein	0.9785
13	2008-08-13-11 468 468 2.out	1350.8	0.603	0.34	2.28	617	0	lIv6	1	FLETLTKPFDK	11	NP_149666.1	203L	0.9865
52	2008-08-13-11 549 549 3.out	1987.9	0.871	0.5	2.27	149	0	lIv6	1	DMKFGCHEYIEFGKQR	16	NP_149538.1	075L	0.9772
32	2008-08-13-11 1558 1558 3.out	1729.9	0.635	0.41	2.25	148	0.693	lIv6	1	MEIIIAFFLYLNDK	14	NP_149558.1	0195L	0.9723
64	2008-08-13-11 2421 2421 3.out	2189.1	0.062	0.34	2.22	291	1.386	lIv6	1	QVLLHELGHTGLGHSSDNK	20	NP_149628.1	165R	0.9859
9	2008-08-13-11 1241 1241 2.out	1283.7	0.497	0.32	2.2	394	0	No	1	NYSKSSUESR	11	ABE26654.1	pol polyprotein	0.9835
21	2008-08-13-11 3094 3094 2.out	1497.8	0.484	0.3	2.17	128	1.386	No	1	NIIFCFKDKELK	12	ABE27265.1	unknown	0.9934
69	2008-08-13-11 2529 2529 3.out	2514.4	0.467	0.39	2.17	152	1.609	lIv6	1	DILATGDKVLYVYAPLKLTDEAR	23	NP_149612.1	149L	0.9968
14	2008-08-13-11 2154 2154 2.out	1374.7	0.187	0.4	2.14	444	0	No	1	EVMRQIAESIAK	12	AAAT2295.1	phospholipase D	0.9938
55	2008-08-13-11 4174 4174 3.out	2000	1.982	0.45	2.1	191	0	lIv6	1	EMNPPDTHAATGVYVNRK	18	NP_149648.1	385L	0.9842
6	2008-08-13-11 426 426 2.out	1209.6	0.471	0.39	2.08	676	0	DWV DWV DWV DWV Kakug	5	KLFWCQKEK	9	NP_853560.2	polyprotein	0.9856
20	2008-08-13-11 1529 1529 2.out	1485.9	1.581	0.35	2.08	540	0	No	1	ISRRRLTFPLNR	12	AAAT2296.1	chromosome segregation protein	0.9654
23	2008-08-13-11 1398 1398 2.out	1526.8	1.492	0.3	2.08	280	0.693	BQCV BQCV	2	EELSNDKELWEK	12	NP_620561.1	nonstructural polyprotein	0.9962
24	2008-08-13-11 1409 1409 2.out	1528.8	1.73	0.33	2.05	730	0	KBVIKBV	2	M*EAFASSDVTLK	15	NP_851403.1	non-structural polyprotein	0.9586
12	2008-08-13-11 957 957 2.out	1344.7	0.369	0.37	2.02	365	0	lIv6	1	IIENENNLNE	11	NP_149776.1	313L	0.9673
45	2008-08-13-11 2565 2565 2.out	1947.8	1.848	0.48	1.98	157	0	No	1	FNEQCGREMT*EVLMMSMK	17	ABV48900.1	hypothetical spore wall protein	0.9981
51	2008-08-13-11 636 636 3.out	1979	0.475	0.44	1.97	160	1.099	lIv6	1	EEETNEINYIQLQK	16	NP_149563.1	100L	0.9913
61	2008-08-13-11 1535 1535 3.out	2111.0	0.454	0.42	1.96	351	0	No	1	1KESLLDFVLSQQYCM*QK	18	AAD2605.1	RNA polymerase II largest subunit	0.9912
49	2008-08-13-11 4001 4001 3.out	1957.9	0.424	0.44	1.95	325	0.693	DWV DWV DWV DWV DWV	5	M*EFTDQDKSGNTVWKR	17	ABM64819.1	polyprotein	0.9666
33	2008-08-13-11 1177 1177 2.out	1739	0.365	0.35	1.94	191	0.693	lIv6	1	1PKELICLQDGAPRSK	16	NP_149475.1	012L	0.9784
10	2008-08-13-11 4008 4008 2.out	1285.7	0.454	0.3	1.93	532	0	lIv6	1	EAQKIEKIGKRN	11	NP_149612.1	149L	0.9651
19	2008-08-13-11 1565 1565 2.out	1459.8	0.561	0.37	1.93	326	0	lIv6	1	M*PHVYVVKSPMR	13	NP_149567.1	104L	0.9875
1	2008-08-13-11 688 688 2.out	1106.6	0.537	0.35	1.91	189	1.386	lIv6	1	1KSMLKQMK	9	NP_149751.1	280R	0.9802
29	2008-08-13-11 3568 3568 3.out	1711.8	0.955	0.43	1.88	158	1.099	lIv6	1	1ESMEKQYPECLVK	14	NP_149639.1	176R	0.9908
8	2008-08-13-11 837 837 2.out	1269.6	0.44	0.34	1.87	257	0	SV	1	1NLSSEYSSRAR	11	AAK16263.1	polyprotein	0.9889
22	2008-08-13-11 2442 2442 2.out	1498.8	0.342	0.46	1.84	403	0.693	lIv6	1	EIFICRYREGKK	12	NP_149500.1	037L	0.9551
36	2008-08-13-11 242 242 3.out	1763.9	1.932	0.39	1.84	219	0	No	1	1TKLITEKCLECQLNK	15	ABE26650.1	pol polyprotein	0.985
71	2008-08-13-11 1787 1787 3.out	2633.2	1.228	0.61	1.83	77	0	No	1	1DVLTSIEKCOSSDNAPLMMFVSK	24	AAAT2743.1	translation elongation factor 2	0.9822
5	2008-08-13-11 96 96 2.out	1163.5	0.099	0.35	1.82	232	0	lIv6	1	1DGNILM*DANGK	12	NP_149500.1	037L	0.9798
41	2008-08-13-11 1287 1287 3.out	1849	1.158	0.41	1.8	299	0	lIv6	1	1DOSKRTGLIMDFNPNK	16	NP_149642.1	179R	0.9909
63	2008-08-13-11 3481 3481 3.out	2168.9	1.683	0.47	1.8	349	0	KBVIKBV	2	1YEGTYGTDYDVS*QM*WR	20	NP_851403.1	non-structural polyprotein	0.9852
59	2008-08-13-11 4792 4792 3.out	2057	0.555	0.47	1.78	123	1.099	lIv6	1	1NSCSVLTNTYDQTQTK	18	NP_149513.1	050L	0.9853
11	2008-08-13-11 4534 4534 2.out	1303.8	1.14	0.34	1.77	132	0	MSCUT	1	1LDFVEKGRVK	11	ABQ96192.1	vasa	0.9818
67	2008-08-13-11 2782 2782 3.out	2417.3	0.019	0.54	1.77	178	1.099	lIv6	1	1LETHLTLNNFVISLDSDVK	21	NP_149501.1	038R	0.9722
47	2008-08-13-11 4066 4066 3.out	1954.0	0.512	0.52	1.75	148	1.609	lIv6	1	1DISVEDRAPQPDQKTR	17	NP_149463.1	468L	0.973
25	2008-08-13-11 1374 1374 2.out	1570.8	1.296	0.44	1.73	140	0	No	1	1AKLEGDEYNYQYK	13	ABO69721.1	unknown	0.9912
56	2008-08-13-11 276 276 3.out	2008.1	0.496	0.55	1.73	70	1.946	No	1	1NSLNHLPNLFGRAINSK	18	ABO69717.1	unknown	0.9676
2	2008-08-13-11 937 937 2.out	1138.7	1.954	0.35	1.72	127	0	No	1	1WAPTLVPK	10	ABE26649.1	pol polyprotein	0.9967
50	2008-08-13-11 2352 2352 2.out	1977.1	1.155	0.42	1.71	52	0	lIv6	1	1NEKTSITEMATIELRK	17	NP_149672.1	209R	0.9958
27	2008-08-13-11 428 428 3.out	1655.9	0.239	0.44	1.69	158	0	SV	1	1DILVGVEKTDLQLGR	15	AAT45735.1	structural polyprotein	0.9801
68	2008-08-13-11 2370 2370 3.out	2497.1	1.744	0.45	1.67	262	0	No	1	1M*CDVYRALNSVTRDYSM*SPR	23	ABE26654.1	pol polyprotein	0.9909
34	2008-08-13-11 3790 3790 3.out	1745	1.322	0.45	1.66	68	2.99	lIv6	1	1LIFYKETEKSYKLY	14	NP_149495.1	032R	0.9547
53	2008-08-13-11 4192 4192 3.out	1996.2	1.385	0.39	1.66	249	0	lIv6	1	1NIVKIEDEVVRLLNITK	17	NP_149513.1	050L	0.9913
54	2008-08-13-11 1397 1397 3.out	1998	1.026	0.4	1.64	460	0	No	1	1SNQVTEKEDINSYDQK	17	ABE27266.1	unknown	0.988
58	2008-08-13-11 699 699 3.out	2012.1	0.813	0.54	1.64	192	0	No	1	1NT'KEIFKTEIGENLFK	17	ABO69725.1	unknown	0.9882
3	2008-08-13-11 298 298 2.out	1147.6	0.514	0.45	1.59	150	1.792	No	1	1YLPGEAGLVK	11	AAAT2296.1	chromosome segregation protein	0.9877
62	2008-08-13-11 2766 2766 3.out	2145.1	0.988	0.42	1.59	139	0.693	lIv6	1	1EEOTQKIDLVIDQNEDLK	18	NP_149611.1	148R	0.9805
37	2008-08-13-11 2305 2305 2.out	1767.0	0.394	0.43	1.58	130	0	lIv6	1	1M'KIFTFYFLIDQK	15	NP_149715.1	252L	0.9965
57	2008-08-13-11 1720 1720 3.out	2012.0	0.599	0.44	1.58	220	0	SV	1	1LSSGGIGRNQNSSEYSSRAR	17	AAK16260.1	pol polyprotein	0.9898
70	2008-08-13-11 3448 3448 3.out	2587.2	0.48	0.48	1.58	175	0	No	1	1TVCGEVMEEGHTGCGNQKLIKK	24	ABM26791.1	RNA polymerase II largest subunit	0.9875
44	2008-08-13-11 2281 2281 2.out	1917	0.74	0.43	1.57	80	0.693	No	1	1FIVLATDFTYKWEVGK	16	ABE26649.1	pol polyprotein	0.9889
60	2008-08-13-11 4426 4426 3.out	2057.1	0.724	0.45	1.57	216	0	lIv6	1	1IDADLQNGNM*VEIIKALIK	20	NP_149618.1	155L	0.9917
39	2008-08-13-11 365 365 3.out	1834.9	0.694	0.44	1.56	82	1.609	BQCV	1	1VEGSNGVPEAYESKVRN	17	NP_120564.1	nonstructural polyprotein	0.9848
15	2008-08-13-11 816 816 2.out	1375.7	0.367	0.47	1.55	200	0.693	lIv6	1	1QNDSFNPKLS	12	NP_149928.1	465R	0.987
16	2008-08-13-11 3329 3329 2.out	1377.7	1.49	0.41	1.55	145	0	lIv6	1	1LISLDDEGTRCR	12	NP_149800.1	337L	0.9595
18	2008-08-13-11 4447 4447 2.out	2413.8	0.638	0.39	1.55	158	0	No	1	1YYDIDGSLVKK	12	ABM26981.1	RNA polymerase II largest subunit	0.9948
30	2008-08-13-11 3901 3901 3.out	1712.1	0.48	0.44	1.51	294	0	lIv6	1	1IIIIHKILYRGPY	14	NP_149680.1	217L	0.9781
66	2008-08-13-11 2760 2760 3.out	2382.3	1.64	0.48	1.5	272	0	lIv6	1	1M*IEPLWNKINADQDVLIK	21	NP_149714.1	251L	0.953

Test 69

Sr No	File Name	(M+H)	M	Δn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
5	2008-08-13-09 1676 1676 2.out	1517.8	0.412	0.71	4	16	1514	0	1	1TTDNWILQANTK	13			

Test 70

Sr No	File Name	(M+H) ⁺	M	¹⁴ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
38	2008-08-15-01 1989 1989 2 out	1790	9	0 003	0.67	3 16	698	0	No	SYELPDGQVKIGSER	16	AAB86863 1	actin	0 9952	
15	2008-08-15-01 1449 1449 2 out	1156	7	0 084	0.68	2 83	702	0	KBV KBV KBV KBV KBV KBV	6	GPISEVASGVK	12	ABN49472 1	VP4 protein	1
35	2008-08-15-01 2061 2061 2 out	1614	9	0 606	0.38	2 82	722	0	IV6	1TILTTKVONINIEK	14	NP_149513 1	050L	0 9505	
37	2008-08-15-01 1526 1526 3 out	1776	9	1 226	0.58	2 27	204	0	No	MVCECDNRQPVKK	15	AAD12605 1	RNA polymerase II largest subunit	0 9786	
8	2008-08-15-01 682 682 2 out	998	6	1 484	0.38	2 22	368	0	IV6	1IELLNQIR	8	NP_149777 1	314L	0 9784	
21	2008-08-15-01 944 944 2 out	1344	7	1 63	0.28	2 15	305	0	IV6	1IENENNLEEK	11	NP_14976 1	313L	0 9925	
29	2008-08-15-01 1014 1014 3 out	1495	8	0 377	0.3	2 01	219	0	693	1TKSVSLVYEDLNK	13	NP_149648 1	385L	0 9766	
11	2008-08-15-01 1066 1066 2 out	1074	5	1 11	0.34	1 99	450	0	No	ENNVADGLSR	10	ABE26651 1	pol polyprotein	0 9846	
28	2008-08-15-01 552 552 3 out	1469	7	1 257	0.48	1 98	305	0	No	1DFDGESIAIYR	13	AAB54170 2	Hypothetical protein C44E4 2	0 9989	
13	2008-08-15-01 2032 2032 2 out	1102	7	0 571	0.5	1 95	539	0	No	1PLKSHIILYR	9	ABO69724 1	unknown	0 9849	
31	2008-08-15-01 2834 2834 3 out	1515	7	0 719	0.56	1 95	394	0	No	1WMHHTFYNELR	11	AAB86863 1	actin	0 9928	
36	2008-08-15-01 2192 2192 2 out	1648	8	0 608	0.35	1 95	190	0	693	1ETTNEEVNIDEIK	14	NP_149901 1	438L	0 9692	
1	2008-08-15-01 1282 1282 2 out	700	5	0 352	0.33	1 94	365	0	No	1VXDIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9967	
9	2008-08-15-01 860 860 2 out	1016	5	1 294	0.31	1 84	249	0	IV6	1FMKNFDSK	8	NP_149843 1	380R	0 9627	
10	2008-08-15-01 1181 1181 3 out	1070	6	0 625	0.33	1 83	404	0	IV6	1LLWDWLPK	8	NP_149515 1	052R	0 9736	
16	2008-08-15-01 1996 1996 2 out	1229	7	0 993	0.4	1 83	494	0	IV6	1EQLMKNLK	10	NP_149723 1	260R	0 971	
14	2008-08-15-01 1946 1946 2 out	1143	6	0 712	0.54	1 82	779	0	No	2LAVNMVFPR	10	AAN35161 1	beta-tubulin	0 9943	
46	2008-08-15-01 2098 2098 3 out	2169	2	1 664	0.34	1 79	360	0	IV6	1IDALQNGMVEIKALIKK	20	NP_149618 1	155L	0 9949	
30	2008-08-15-01 2387 2387 2 out	1500	7	0 567	0.45	1 73	225	0	IV6	1DDM'AASYLEKER	14	NP_149635 1	172L	0 9928	
7	2008-08-15-01 370 370 2 out	997	6	0 61	0.37	1 7	196	0	693	No	1HFGVRLR	8	AAU11093 1	unknown	0 9823
48	2008-08-15-01 2481 2481 3 out	2332	1	1 829	0.48	1	7	373	0	IV6	1M'NNYSLLEDPESPYFGVVK	21	NP_149891 1	428L	0 9765
2	2008-08-15-01 1332 1332 2 out	764	4	0 61	0.38	1 68	358	0	IV6	1NAIFATK	7	NP_149829 1	366R	1	
17	2008-08-15-01 1454 1454 2 out	1264	7	1 029	0.57	1 66	337	0	IV6	1INGLIDISEYK	11	NP_149758 1	295L	0 9923	
24	2008-08-15-01 695 695 3 out	1388	6	1 4	0.46	1 66	50	2 485	IV6	1DFSGFSGGGMIGEK	14	NP_149722 1	259R	0 9989	
6	2008-08-15-01 64 64 2 out	940	6	0 634	0.37	1 61	247	0	IV6	1EVVLKKP	8	NP_149902 1	439L	0 9557	
34	2008-08-15-01 1006 1006 3 out	1604	9	0 177	0 4	1 61	114	0	KBV KBV KBV KBV	4	LEIFFEPGSIPTVR	14	YP_308662 1	VP2	0 9993
41	2008-08-15-01 1472 1472 3 out	1965	1	0 89	0.37	1	6	253	0	IV6	1EAVPKLCDAALLPVVNNNR	18	NP_149647 1	184R	0 9991
19	2008-08-15-01 1955 1955 2 out	1297	8	0 454	0.42	1 56	465	0	IV6	1VQIAKIPIM'LR	12	NP_149891 1	428L	0 9757	
23	2008-08-15-01 416 416 3 out	1385	7	1 493	0 44	1 54	119	0	693	No	2ISDQFSVMFRR	11	AAN35161 1	beta-tubulin	0 9609
32	2008-08-15-01 3090 3090 3 out	1562	8	0 407	0 38	1 54	166	0	IV6	1GFFCLGSLATFLMR	14	NP_149562 1	109L	0 9885	
25	2008-08-15-01 2766 2766 3 out	1406	8	1 121	0 43	1 53	90	0	693	1TFRTIILDHYK	11	NP_149485 1	022L	0 9642	
45	2008-08-15-01 2246 2246 3 out	2097	1	1 442	0 45	1 53	111	0	IV6	1ENVFKNCFTVWILDQSLK	18	NP_149798 1	1335L	0 97	
42	2008-08-15-01 1538 1538 3 out	1969	1	1 912	0 37	1 52	244	0	IV6	1RSLFSCLM'SLSTPIER	18	NP_149465 1	002R	0 9831	

Test 70

Sr No	File Name	(M+H) ⁺	M	¹⁴ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
13	2008-08-15-02 1444 1444 2 out	1156	7	0 575	0 76	3 53	838	0	KBV KBV KBV KBV KBV	6	GPISEVASGVK	12	ABN49472 1	VP4 protein	1	
50	2008-08-15-02 1982 1982 2 out	1790	9	0 311	0 66	3 52	716	0	No	1SYELPDGQVKIGSER	16	AAB86863 1	actin	0 9914		
45	2008-08-15-02 2058 2058 2 out	1614	9	1 276	0 47	3 45	857	0	IV6	1TILTTKVONINIEK	14	NP_149513 1	050L	0 9907		
52	2008-08-15-02 1648 1648 3 out	1927	9	1 205	0 45	2 54	445	0	IV6	1ENKNLIPDTDPPLSK	16	NP_149750 1	287R	0 9814		
1	2008-08-15-02 183 183 2 out	783	5	0 029	0 36	2 33	592	0	IVPVI APV	2HVLTK	6	YP_001040003 1	structural polyprotein	0 9959		
25	2008-08-15-02 974 974 2 out	1344	7	1 159	0 26	2 3	307	0	693	1IENENNLEEK	11	NP_149776 1	313L	0 9935		
38	2008-08-15-02 2604 2604 3 out	1515	7	0 78	0 53	2 29	513	0	No	1WMHHTFYNELR	11	AAB86863 1	actin	0 9748		
29	2008-08-15-02 3160 3150 3 out	1384	7	0 824	0 33	2 22	212	0	693	1KBV KBV	2	GM'PEFPTIVYVSK	13	NP_851403 1	non-structural polyprotein	0 9882
22	2008-08-15-02 2087 2087 2 out	1266	6	1 638	0 43	2 2	355	0	693	1DKMQIYVEDK	10	NP_149676 1	213R	0 9609		
8	2008-08-15-02 880 880 2 out	1000	6	0 504	0 41	2 14	276	0	No	1EVAVATAVK	10	ABE26648 1	pol polyprotein	0 9918		
46	2008-08-15-02 1754 1755 2 out	1630	8	0 754	0 34	2 13	445	0	IV6	1QENMIESHNMM'LR	14	NP_149463 1	468L	0 9874		
41	2008-08-15-02 2361 2361 2 out	1579	9	0 532	0 29	2 02	598	0	IV6	1FLRETVGVLFKDR	13	NP_149770 1	307L	0 9956		
5	2008-08-15-02 959 959 2 out	928	6	0 828	0 25	2 01	376	0	IV6	1AIRLINTK	8	NP_149883 1	420R	0 9956		
37	2008-08-15-02 418 418 4 out	1500	7	0 345	0 51	1 99	336	0	No	1ELVTSDENM'KYR	13	ABY49795 1	hypothetical spore wall protein 13	0 9553		
34	2008-08-15-02 916 916 2 out	1447	8	0 457	0 27	1 97	333	0	IV6	1RFSGVTDVNVIK	13	NP_149699 1	236L	0 9826		
15	2008-08-15-02 12 12 2 out	1171	6	1 876	0 59	1 94	338	0	No	1HKGVMVGMQOK	11	AAB86863 1	actin	0 9976		
49	2008-08-15-02 1259 1259 3 out	1784	9	0 551	0 38	1 89	112	1	609	1FENVMGFSISGDAK	17	AAF91269 1	20S proteasome alpha 5 subunit	0 9796		
6	2008-08-15-02 588 588 2 out	943	5	1 374	0 34	1 86	289	0	IV6	1ILDDNLK	8	NP_149769 1	306R	0 9921		
39	2008-08-15-02 2160 2160 2 out	1524	9	1 368	0 33	1 88	458	0	IV6	1SLGVVNEQLVNPK	14	NP_149859 1	396L	0 9973		
54	2008-08-15-02 2337 2337 2 out	1947	8	1 607	0 47	1 85	163	0	No	1FNEOCGCREM'EVLMSSMK	17	ABV48900 1	hypothetical spore wall protein	0 9968		
4	2008-08-15-02 1666 1666 2 out	880	5	1 635	0 35	1 82	281	0	IV6	1NFVKKMK	7	NP_149902 1	439L	0 9933		
7	2008-08-15-02 372 372 2 out	989	5	0 101	0 28	1 82	617	0	IV6	1DKKLNESR	8	NP_149639 1	176R	0 9924		
11	2008-08-15-02 1174 1174 2 out	1070	6	0 989	0 35	1 82	626	0	IV6	1LLWDWLPK	8	NP_149515 1	052R	0 9776		
57	2008-08-15-02 2823 2823 2 out	2320	2	1 947	0 41	1 79	144	0	IV6	1EHKLDSYSLNFVAKHFLGSK	20	NP_149500 1	037L	0 9542		
30	2008-08-15-02 1990 1990 2 out	1384	8	0 466	0 37	1 78	389	0	693	1FVGADVLLPEII	13	NP_149910 1	447L	0 991		
9	2008-08-15-02 2075 2075 2 out	1032	6	0 666	0 34	1 76	264	0	IVDV1	1DMGTLNR	9	ACF24764 1	polyprotein	0 9578		
56	2008-08-15-02 2097 2097 3 out	2169	2	0 316	0 42	1 75	361	0	IV6	1IDALQNGMVEIKALIKK	20	NP_149618 1	155L	0 9801		
2	2008-08-15-02 131 131 2 out	789	5	0 282	0 35	1 74	238	0	No	1KSIKKGK	7	ABE26653 1	pol polyprotein	0 9831		
35	2008-08-15-02 2090 2090 2 out	1458	8	1 176	0 34	1	7	81	0	IV6	1OTRVTLNEEIQK	12	NP_149561 1	098R	0 9779	
43	2008-08-15-02 1488 1488 2 out	1596	8	0 44	0 49	1 69	145	0	No	1EARFNEKSEM'AR	14	BAC15534 1	elongation factor 1 alpha	0 9624		
28	2008-08-15-02 2112 2112 2 out	1380	6	0 517	0 37	1 68	101	0	693	1MLYYCYFLHLK	10	NP_149766 1	303R	0 9667		
16	2008-08-15-02 2493 2493 2 out	1178	6	0 683	0 39	1 67	248	0	ABPV ABPV ABPV ABPV	4	NVTM'QINSKK	11	NP_066242 1	capsid protein	0 9786	
20	2008-08-15-02 654															

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
43	2008-08-18-01 1491 1491 2.out	1156.7	0.063	0.68	2.78	694	0	KBVKKEKVVKBVJKBVJKBV	6	IGPISEVAVGKV	12	ABN49472.1	VP4 protein	1
80	2008-08-18-01 2114 2114 2.out	1614.9	0.412	0.28	2.26	757	0	IVV6	1	TILTTKVQVNIEK	14	NP_149513.1	050L	0.9808
77	2008-08-18-01 2476 2477 2.out	1579.9	0	0.51	2.2	760	0	IVV6	1	FLRETVGVLFKDR	13	NP_149770.1	307L	0.9893
22	2008-08-18-01 743 743 2.out	928.6	0.764	0.22	2.14	308	0	IVV6	1	AIRRLNTK	8	NP_149883.1	420R	0.9894
62	2008-08-18-01 803 803 2.out	1344.7	1.447	0.3	2.09	320	0	IVV6	1	IENENLLEEIK	11	NP_149776.1	313L	0.9574
68	2008-08-18-01 1308 1308 2.out	1475.6	0.824	0.23	2.08	442	1.386	IVV6	1	EMMNTCSSGGLTR	13	NP_149930.1	467R	0.9915
11	2008-08-18-01 857 857 2.out	801.5	0.638	0.26	2.06	623	0	BQCV	1	DLDLVVK	7	NP_620564.1	nonstructural polyprotein	0.9751
83	2008-08-18-01 2375 2375 2.out	1648.8	0.373	0.39	2.06	311	0	IVV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	0.954
94	2008-08-18-01 2204 2204 2.out	2169.2	1.337	0.59	2.05	137	1.099	IVV6	1	IDADLOQNGMVEIIKALIKK	20	NP_149618.1	155L	0.9685
8	2008-08-18-01 26 26 2.out	778.4	0.702	0.15	2.01	163	1.792	Nosema	3	KLDM*GAK	8	ABM26981.1	RNA polymerase II largest subunit	0.9863
79	2008-08-18-01 2913 2913 2.out	1613.1	1.693	0.34	2	297	0	IVV6	1	IVVIGKAGTGKSTLR	16	NP_149538.1	075L	0.9726
66	2008-08-18-01 2712 2712 2.out	1426.7	1.648	0.53	1.96	228	0	IVV6	1	SIDUIMYEVSEK	12	NP_149885.1	022L	0.9673
72	2008-08-18-01 2847 2847 3.out	1515.7	0.619	0.62	1.95	719	0	Nosema	1	IVVHHTFYNELR	11	AAB86865.1	actin	0.9611
23	2008-08-18-01 1137 1137 2.out	930.5	0.29	0.48	1.94	390	0	IVV6	1	EAIDILEK	8	NP_149624.1	161L	0.9864
27	2008-08-18-01 1485 1485 2.out	992.7	1.441	0.38	1.94	251	0.693	Nosema	1	LLLSKYKK	8	ABO69722.1	unknown	0.9956
1	2008-08-18-01 1234 1234 1.out	700.5	1.059	0.14	1.89	405	0	Nosema	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	1
3	2008-08-18-01 663 663 2.out	718.4	0.871	0.37	1.88	327	0	IVV6	1	QTINDK	6	NP_149843.1	380R	0.9887
73	2008-08-18-01 2276 2277 2.out	1524.9	1.764	0.39	1.85	406	0	IVV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.9879
56	2008-08-18-01 1496 1497 2.out	1264.7	0.64	0.48	1.81	367	0	IVV6	1	INGLIDISEYK	11	NP_149758.1	295L	0.9975
35	2008-08-18-01 2109 2109 2.out	1102.7	0.469	0.45	1.78	539	0	Nosema	1	PLKSHILYR	9	ABO69724.1	unknown	0.9892
33	2008-08-18-01 870 870 2.out	1074.0	0.249	0.18	1.76	172	0.693	KBVKBV	1	MMKNM*EM*K	10	NP_149838.1	375R	0.9935
29	2008-08-18-01 2105 2105 2.out	1027.5	1.398	0.3	1.75	664	0	IVV6	1	YKPYVTEK	8	NP_149475.1	012L	0.9951
48	2008-08-18-01 2140 2140 2.out	1205.7	0.865	0.27	1.75	242	0	IVV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	1
59	2008-08-18-01 2312 2312 2.out	1285.7	1.174	0.42	1.75	1251	0	IVV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	0.9922
82	2008-08-18-01 1310 1310 2.out	1631.8	0.498	0.41	1.75	155	0.693	IVV6	1	IDADLQNGNM*VEI	16	NP_149618.1	155L	0.9906
74	2008-08-18-01 1649 1649 2.out	1534.8	0.523	0.39	1.73	737	0	Nosema	1	MPFGLVNGPATFQR	14	ABE26655.1	pol polyprotein	0.9919
14	2008-08-18-01 702 702 2.out	839.4	1.827	0.2	1.71	289	0.693	KBVKBV	2	EGYSKQK	7	NP_851403.1	non-structural polyprotein	0.9589
9	2008-08-18-01 320 320 2.out	781.4	1.768	0.2	1.7	747	0	IVV6	1	FINM*L	7	NP_149674.1	211L	0.9773
32	2008-08-18-01 1415 1415 2.out	1071.6	0.262	0.27	1.68	445	0	IVV6	1	GKVEIFHNK	9	NP_149917.1	454R	0.9931
52	2008-08-18-01 1928 1928 2.out	1234.7	0.245	0.24	1.68	645	0	Nosema	1	YPTLVSKVLSK	11	ABE26653.1	pol polyprotein	0.9607
70	2008-08-18-01 2368 2368 2.out	1507.9	1.379	0.23	1.68	102	0	Nosema	1	IMIPKFSFNLK	13	ABY49796.1	hypothetical spore wall protein 14	0.9953
89	2008-08-18-01 2440 2440 2.out	1947.8	1.584	0.48	1.68	151	0	Nosema	1	FNEQCQREM*EVLMMSMK	17	ABV48900.1	hypothetical spore wall protein	0.9827
55	2008-08-18-01 948 948 2.out	1258.7	0.74	0.42	1.67	273	0	IVV6	1	INKSPLLNESEK	11	NP_149523.1	060L	0.9881
7	2008-08-18-01 431 431 2.out	757.5	0.325	0.21	1.65	346	0	Nosema	1	INELIR	6	ABO69723.1	unknown	0.9711
25	2008-08-18-01 2075 2075 2.out	947.5	0.229	0.34	1.64	465	0.693	Nosema	1	NPFPDVS	8	ABE26651.1	pol polyprotein	0.9958
37	2008-08-18-01 1456 1456 2.out	1113.7	1.077	0.24	1.64	236	0	IVV6	1	FIHLLTNKK	9	NP_149485.1	022L	0.9949
69	2008-08-18-01 2490 2490 2.out	1500.7	0.586	0.46	1.63	271	0	IVV6	1	DDM*AAASYLEKER	14	NP_149635.1	172L	0.9938
58	2008-08-18-01 2091 2091 2.out	1270.8	0.35	0.29	1.62	278	0	Nosema	1	NINTVKEVLK	11	ABV48897.1	hypothetical spore wall protein	0.9974
76	2008-08-18-01 2415 2415 2.out	1559.8	0.13	0.25	1.62	170	0	IVV6	1	M*DETQQLLYKFK	13	NP_149668.1	205R	0.9608
78	2008-08-18-01 1556 1556 2.out	1596.8	0.583	0.45	1.61	105	0	Nosema	1	EARFNEIKSEM*AR	14	BAC15534.1	elongation factor 1 alpha	0.9683
42	2008-08-18-01 1092 1092 2.out	1146.6	0.035	0.29	1.6	430	0	Nosema	1	LSKEMNRR	9	ABY49795.1	hypothetical spore wall protein 13	0.9864
47	2008-08-18-01 1799 1799 2.out	1195.7	1.273	0.38	1.58	120	0	IVV6	1	KF1TENKTSK	10	NP_149525.1	062L	0.9698
41	2008-08-18-01 2048 2048 2.out	1145.6	1.575	0.31	1.56	256	0.693	Nosema	1	EGKKNNLQSK	10	ABM26979.1	RNA polymerase II largest subunit	0.9847
85	2008-08-18-01 2124 2124 2.out	1693.9	0.482	0.35	1.55	336	0	Nosema	1	VGNLOYMRSKIDA	15	AAT12296.1	chromosome segregation protein	0.97
46	2008-08-18-01 1223 1223 3.out	1190.6	0.632	0.45	1.54	146	1.099	Nosema	1	NELQAFIDIK	10	ABE27268.1	unknown	0.9968
51	2008-08-18-01 1673 1673 2.out	1228.7	0.51	0.35	1.53	239	0	IVV6	1	RIKQGEWLAK	10	NP_149624.1	161L	1
87	2008-08-18-01 2219 2219 2.out	1746.8	0.148	0.39	1.53	186	0.693	IVV6	1	NCQEKEIYSDNFR	14	NP_149500.1	037L	0.9946
26	2008-08-18-01 2819 2819 2.out	953.5	0.02	0.45	1.52	217	0	IVV6	1	NOKSVFCK	8	NP_149485.1	022L	0.9861
63	2008-08-18-01 2259 2259 2.out	1355.7	1.616	0.28	1.52	94	1.099	IVV6	1	QLSVDSSVETYK	12	NP_149530.1	067R	1
6	2008-08-18-01 918 918 2.out	736.5	0.527	0.52	1.51	194	0	IVV6	1	IIIIHK	6	NP_149680.1	217L	0.9502

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Sr No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
48	2008-08-18-02 2676 2676 3.out	1515.7	0.831	0.52	2.95	654	0	Nosema	1	IVWHTFYNELR	11	AAB86863.1	actin	0.9588		
22	2008-08-18-02 95 95 2.out	1171.6	0.589	0.64	2.76	734	0	Nosema	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9926		
41	2008-08-18-02 2022 2022 2.out	1384.8	1.369	0.23	2.5	391	0	IVV6	1	FVGADVVLEPI	13	NP_149910.1	447L	0.9809		
4	2008-08-18-02 327 327 2.out	783.5	0.257	0.45	2.28	583	0	APVIIAPV	2	HVLTWK	6	YP_001040003.1	structural polyprotein	0.9767		
31	2008-08-18-02 2838 2838 2.out	1269.6	0.694	0.17	2.26	325	0	Nosema	1	GGMREYCVRAK	11	AAB62549.1	glutamyl-tRNA synthetase	0.9921		
57	2008-08-18-02 2163 2163 2.out	1614.9	0.43	0.27	2.16	385	0	IVV6	1	TILTAKVQNIIEK	14	NP_149513.1	050L	0.9649		
56	2008-08-18-02 2925 2925 3.out	1611.9	1.068	0.54	2.15	568	0	IVV6	1	VRREAEVIERE-LR	13	NP_149695.1	232R	0.9779		
30	2008-08-18-02 2207 2207 2.out	1268.6	1.596	0.32	2.13	420	0	693	1	DKMQIYVEDK	10	NP_149676.1	213R	0.9853		
39	2008-08-18-02 1056 1056 2.out	1344.7	1.536	0.3	2	1478	0	IVV6	1	IEENNLEEIK	11	NP_149776.1	313L	0.9897		
21	2008-08-18-02 1084 1084 2.out	1164.5	0.633	0.22	2.06	504	0	Nosema	1	NDCLTIEDNK	10	ABY47975.1	hypothetical spore wall protein 13	0.9872		
70	2008-08-18-02 2208 2208 2.out	2169.2	1.319	0.64	2.04	246	0	IVV6	1	IDADLOGHGMVEIKALIKK	20	NP_149618.1	155L	0.952		
1	2008-08-18-02 1288 1288 1.out	700.5	1.036	0.22	2.02	397	0	Nosema	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	1		
17	2008-08-18-02 1233 1233 2.out	1070.6	0.254	0.35	2.01	600	0	IVV6	1	LLWDWLPK	8	NP_149515.1	052R	0.9866		
25	2008-08-18-02 2172 2172 2.out	1205.7	1.896	0.3	2	366	0	IVV6	1	1FDRETGVLFKDR	11	NP_149655.1	192R	0.96		
53	2008-08-18-02 2489 2489 2.out	1579.9	0.012	0.48	2	783	0	IVV6	1	FLRETGVLFKDR	13	NP_149770.1	307L	0.9936		
11	2008-08-18-02 2666 2666 2.out	994.4	0.761	0.29	1.97	151	1	609	1	KBVIKBVIKBV	3	MNNEALM'R	9	YP_308663.1	VP3	0.9847
46	2008-08-18-02 1558 1558 2.out	1485.9	0.585	0.38	1.95	526	0	Nosema	1	ISRRITIPIPLNR	12	AAT12296.1	chromosome segregation protein	0.994		
18	2008-08-18-02 2126 2126 2.out	1102.7	0.46	0.45	1.92	575	0	Nosema	1	PLKSIILYR	9	ABO69724.1	unknown	0.9824		
51	2008-08-18-02 2966 2966 3.out	1536.9	1.946	0.55	1.91	212	0	Nosema	1	NDLVVYVGFLNKR	13	ABE26649.1	pol polyprotein	1		
20	2008-08-18-02 1748 1748 2.out	1166.6	0.711	0.26	1.9	238	0	693	1	IVENALGESK	11	NP_851403.1	non-structural polyprotein	0.9841		
44	2008-08-18-02 2721 2721 2.out	1426.7	0.438	0.4	1.9	250	0	IVV6	1	SIQIIMYEVSKE	12	NP_149485.1	022L	1		
42	2008-08-18-02 3200 3200 3.out	1388.6	1.319	0.39	1.87	268	0	IVV6	1	1DFSGFSGGMIGEK	14	NP_149722.1	259R	0.969		
72	2008-08-18-02 2632 2632 3.out	2323.1	0.32	0.52	1.86	237	0	IVV6	1	1M'NYSLLDNPESPYFGVVK	21	NP_149891.1	428L	0.9649		
24	2008-08-18-02 3941 3941 3.out	1190.7	1.543	0.36	1.83	104	1	609	1	1VVDOALRFDK	10	NP_149691.1	228L	0.9913		
38	2008-08-18-02 1955 1955 2.out	1327.8	1.109	0.29	1.83	241	0	SV/	1	2VNNVRRAVSIK	11	AAK16263.1	polyprotein	0.9943		
14	2008-08-18-02 3437 3437 2.out	1030.6	0.936	0.35	1.81	383	0	IVV6	1	1ISGGALGPVPL	11	NP_149737.1	274L	0.9859		
27	2008-08-18-02 3696 3696 3.out	1223.6	0.522	0.48	1.81	517	0	DWW/DWV/DWV/DWV/Kakugo	1	2FISHNEHIR	10	NP_853560.2	polyprotein	0.9601		
64	2008-08-18-02 2183 2183 2.out	1770.9	1.407	0.48	1.77	77	0	693	1	1FIFKWSHKIDFR	13	NP_149867.1	404L	0.9594		
66	2008-08-18-02 1592 1592 3.out	1776.9	1.572	0.37	1.76	156	0	Nosema	1	1MVCEDCNRNRPVVIKK	15	AAD12605.1	RNA polymerase II largest subunit	0.9553		
3	2008-08-18-02 566 566 1.out	730.4	1.101	0.43	1.75	217	0	IVV6	1	1LNLRD	6	NP_149861.1	218R	1		
67	2008-08-18-02 2460 2460 2.out	1947.8	1.752	0.42	1.75	129	0	693	1	1FNEQCGREMEVLMMSMK	17	ABV48900.1	hypothetical spore wall protein	0.9778		
50	2008-08-18-02 1674 1674 3.out	1686.8	1.953	0.4	1.74	193	0	Nosema	1	1GKYSWNGIYKIDIK	14	ABE26653.1	pol polyprotein	0.9526		
8	2008-08-18-02 1200 1200 2.out	930.5	0.795	0.44	1.73	467	0	IVV6	1	1EADILEK	8	NP_149624.1	161L	0.9833		
50	2008-08-18-02 1671 1671 1.out	1534.8	1.77	0.41	1.73	814	0	Nosema	1	1MPFGLVNGPATFQR	14	ABE26655.1	pol polyprotein	0.9945		
58	2008-08-18-02 1912 1912 2.out	1630.8	0.738	0.31	1.73	219	0	693	1	1QENMLIESHNIM'L	14	NP_149463.1	468L	0.9555		
33	2008-08-18-02 3285 3285 3.out	1299.8	1.781	0.5	1.72	240	0	IVV6	1	1VKMRAQNVQLQ	11	NP_149874.1	410L	0.9796		
49	2008-08-18-02 2289 2289 2.out	1524.9	1.446	0.33	1.72	502	0	IVV6	1	1SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.9796		
71	2008-08-18-02 2464 2464 3.out	2173.2	0.536	0.45	1.71	242	0	Nosema	1	1HFFSVVENDVATNIKK	19	AAT12296.1	chromosome segregation protein	0.9958		
47	2008-08-18-02 2505 2505 2.out	1500.7	0.38	0.46	1.68	446	0	IVV6	1	1DOM'AASYLEGKER	14	NP_149635.1	172L	0.9903		
36	2008-08-18-02 2237 2237 2.out	1314.8	1.459	0.5	1.67	219	0	IVV6	1	1VTNEEIQKIK	11	NP_149651.1	098R	0.9866		
15	2008-08-18-02 200 200 2.out	1050.6	0.607	0.39	1.66	334	0	IVV6	1	1FAEKSSLR	9	NP_149642.1	179R	0.9743		
28	2008-08-18-02 1682 1682 2.out	1226.7	0.643	0.52	1.66	344	0	IVV6	1	1RIKOGEWLAK	10	NP_149624.1	161L	1		
59	2008-08-18-02 2306 2306 2.out	1648.8	0.476	0.42	1.64	240	0	IVV6	1	1ETTNEEVNIDEIK	14	NP_149901.1	438L	0.9915		
40	2008-08-18-02 2526 2526 2.out	1372.7	0.146	0.32	1.63	214	0	Nosema	1	1YARSPEFM'IDK	12	ABE26653.1	pol polyprotein	0.9916		
69	2008-08-18-02 1994 1994 2.out	2141.1	1.061	0.42	1.61	70	0	IVV6	1	1QYPLRIDPDTSEYK	17	NP_149530.1	067R	1		
35	2008-08-18-02 1530 1530 2.out	1309.8	1.694	0.45	1.59	230	0	IVV6	1	1IKH1KALDCLR	11	NP_149590.1	127L	0.9762		
7	2008-08-18-02 419 419 2.out	884.5	1.091	0.39	1.55	254	0	IVV6	1	1VLTHSVTK	8	NP_149485.1	022L	0.9507		
19	2008-08-18-02 3455 3455 3.out	1108.6	0.525	0.39	1.55	169	0	IVV6	1	1NKEAQDYK	9	NP_149717.1	254L	1		
9	2008-08-18-02 756 756 2.out	940.6	1.101	0.49	1.51	110	0	693	1	1EVVLLKKPK	8	NP_149902.1	439L	0.9837		
68	2008-08-18-02 1794 1794 3.out	2041.1	0.435	0.48	1.51	295	0	DWW/DWV	2	1WGSXSDQIAQWPTISVPR	18	NP_853560.2	polyprotein	0.9705		
13	2008-08-18-02 2110 2110 2.out	1027.5	0.99	0.33	1.5	629	0	IVV6	1	1YKPYVTEK	8	NP_149475.1	012L	0.9899		

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Sr No	File Name	(M+H) ⁺	M	¹ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
47	2008-08-15-04 2004 2004 2.out	1790.9	0.432	0.65	3.59	644	0	Nosema	1	SYELPDGVQVIGSER	16	AAB86863.1	actin	0.9736	
39	2008-08-15-04 2883 2883 3.out	1515.7	0.804	0.58	3.29	698	0	Nosema	1	1WVHTFYNELR	11	AAB86863.1	actin	0.9544	
19	2008-08-15-04 1457 1457 2.out	1156.7	0.126	0.72	2.87	633	0	IVV6	1	1GPISEAVSGVK	12	ABN49472.1	VP4 protein	1	
44	2008-08-15-04 2126 2126 2.out	1614.9	0.268	0.37	2.59	829	0	IVV6	1	1TILTAKVQNIIEK	14	NP_149513.1	050L	0.9762	
41	2008-08-15-04 2377 2377 2.out	1579.9	0.4	0.44	2.56	595	0	IVV6	1	1FLRETGVLFKDR	13	NP_149770.1	307L	0.9768	
3	2008-08-15-04 387 387 2.out	783.5	0.207	0.38	2	513	0	APVIIAPV	2	1HVTWK	6	YP_001040003.1	structural polyprotein	0.9673	
6	2008-08-15-04 746 746 2.out	892.5	0.851	0.25	2.36	206	0	693	1	1KVM'EELK	8	NP_149750.1	287R	0.9922	
27	2008-08-15-04 2108 2108 2.out	1268.6	1.698	0.27	2.28	477	0	IVV6	1	1DKMQIYVEDK	10	NP_149676.1	213R	0.9814	
36	2008-08-15-04 1935 1937 2.out	1384.8	0	0.1	0	2.06	494	0	IVV6	1	1FVGADVVLEPI	13	NP_149910.1	447L	0.9641
1	2008-08-15-04 1001 1001 2.out	1344.7	1.525	0.31	1.97	344	0	IVV6	1	1ENENNLIEEIK	11	NP_149776.1	313L	0.9942	
28	2008-08-15-04 1880 1880 2.out	1270.7	1.401	0.52	1.95	469	0	APVIIAPV	2	1VLNNAPFVAGR	12	YP_001040003.1	structural polyprotein	0.9643	
4	2008-08-15-04 1703 1703 2.out	880.5	1.596	0.39	1.88	284	0	IVV6	1	1NPFKMNK	7	NP_149902.1	439L	0.9685	
46	2008-08-15-04 2071 2071 2.out	1763.1	0.897	0.45	1.85	404	0	Nosema	1	1RMFVLAVLFLITK	15	AAL28057.1	AF40785.6 calmodulin-dependent protein kinase	0.9754	
9	2008-08-15-04 2022 2022 2.out	1027.5	0.893	0.41	1.81	680	0	IVV6							

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Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
23	2008-08-15-05 1466 1466 2.out	1156.7	0.298	0.75	2.93	581	0	KBV KBV KBV KBV KBV	6	IGPISEVASGVK	12	ABN49472.1	VP4 protein	0.9901
42	2008-08-15-05 2889 2889 3.out	1515.7	0.858	0.61	2.9	1167	0	Nosem	1	WHHHTFYNELR	11	AAB86863.1	actin	0.95
49	2008-08-15-05 2016 2016 2.out	1790.9	0.21	0.7	2.9	596	0	Nosem	1	SYELPDGQVIGKSER	16	AAB86863.1	actin	0.9852
45	2008-08-15-05 2394 2394 2.out	1579.9	1.361	0.53	2.75	780	0	IIV6	1	FLRETGVLFKDR	13	NP_149770.1	307L	0.9767
22	2008-08-15-05 210 210 2.out	1149.6	0.388	0.67	2.68	1337	0	IAPV IAPV	2	ITSISETENR	10	YP_001040003.1	structural polyprotein	0.988
11	2008-08-15-05 496 496 2.out	974.6	0.503	0.29	2.5	659	0	Nosem	1	IKKELSTR	8	BAF76326.1	heat shock protein 70	0.9617
46	2008-08-15-05 2037 2037 2.out	1614.9	0.283	0.38	2.33	596	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9889
3	2008-08-15-05 1034 1034 2.out	801.5	0.61	2.28	2.29	561	0	BQCV	1	DLOLVVK	7	NP_620564.1	nonstructural polyprotein	0.9671
31	2008-08-15-05 2027 2027 2.out	1229.7	0.437	0.22	2.24	693	0	IIV6	1	EIQLMKNLIK	10	NP_149723.1	260R	0.972
38	2008-08-15-05 1125 1125 2.out	1344.7	0.228	0.37	2.22	400	0	IIV6	1	ENENNLEEIK	11	NP_149776.1	313L	0.9718
24	2008-08-15-05 315 315 2.out	1171.6	0.41	0.64	2.21	454	0	Nosem	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9897
48	2008-08-15-05 1551 1551 2.out	1776.9	0.6	0.52	2.2	211	0	Nosem	1	MVCDNNRQPVKK	15	AAD12605.1	RNA polymerase II largest subunit	0.9722
39	2008-08-15-05 1948 1948 2.out	1384.8	0.646	0.23	2.17	433	0	IIV6	1	FVGADVVLLEPII	13	NP_149910.1	447L	0.9533
47	2008-08-15-05 2210 2211 2.out	1648.8	0.713	0.36	2.08	163	1.946	IIV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	0.9859
34	2008-08-15-05 2008 2008 2.out	1270.8	0.157	0.35	2.07	367	0	Nosem	1	NINTVKEVLK	11	ABV48897.1	hypothetical spore wall protein	0.9616
12	2008-08-15-05 543 543 2.out	989.5	0.536	0.32	1.97	461	0	IIV6	1	OKKLNESR	8	NP_149639.1	176R	0.9854
30	2008-08-15-05 1864 1864 2.out	1213.7	1.333	0.25	1.96	1003	0	IIV6	1	ELNQILDIK	10	NP_149916.1	453L	0.9745
29	2008-08-15-05 2061 2061 2.out	1205.7	1.692	0.33	1.94	452	0	IIV6	1	VDVSTQT1KTVK	11	NP_149655.1	192R	0.9859
13	2008-08-15-05 2514 2514 2.out	994.4	0.334	0.32	1.9	190	1	792	1	KBV KBV KBV	9	YP_308663.1	VP3	0.986
16	2008-08-15-05 1587 1587 2.out	1041.5	0.128	0.25	1.9	503	0	IIV6	1	M*QIYVEDK	9	NP_149676.1	213R	0.9769
20	2008-08-15-05 2039 2039 2.out	1102.7	0.34	0.41	1.89	527	0	Nosem	1	PLKSIILYR	9	ABO69724.1	unknown	0.9745
6	2008-08-15-05 760 760 2.out	877.6	0.557	0.28	1.88	189	1	IIV6	1	QIVKVKY	7	NP_149813.1	350L	0.9809
8	2008-08-15-05 798 798 2.out	923.5	1.38	0.4	1.86	98	2	197	1	VASGVSYLK	9	NP_851403.1	non-structural polyprotein	0.971
33	2008-08-15-05 1894 1894 2.out	1270.7	0.676	0.47	1.85	407	0	IAPV IAPV	2	VLNANPFPVAGR	12	YP_001040003.1	structural polyprotein	0.9812
51	2008-08-15-05 2344 2344 2.out	1947.8	1.341	0.42	1.85	128	0	Nosem	1	FNEQCGREM*EVLMMSK	17	ABV48900.1	hypothetical spore wall protein	0.9575
44	2008-08-15-05 1616 1616 2.out	1534.8	1.61	0.45	1.82	816	0	Nosem	1	MPFGLVNGPATFQR	14	ABE26655.1	pol polyprotein	0.9878
5	2008-08-15-05 308 308 2.out	859.5	0.967	0.29	1.81	587	0	IIV6	1	SIKLNLER	7	NP_149686.1	223L	0.9596
15	2008-08-15-05 1433 1433 2.out	1040.5	1.679	0.27	1.81	257	0	IIV6	1	M*M*KINDK	10	NP_149463.1	468L	0.9784
32	2008-08-15-05 2116 2116 2.out	1268.6	0.588	0.42	1.81	415	0	IIV6	1	DKMQIYVEDK	10	NP_149676.1	213R	0.9676
2	2008-08-15-05 431 431 2.out	783.5	0.286	0.39	1.8	624	1	609	1	IAPV IAPV	6	YP_001040003.1	structural polyprotein	0.98
1	2008-08-15-05 1320 1320 2.out	700.5	0.34	0.33	1.73	366	0	Nosem	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	0.9607
21	2008-08-15-05 1970 1970 2.out	1131.6	0.591	0.41	1.71	183	1	386	1	SWTLPLTVLK	10	YP_001040003.1	structural polyprotein	0.9864
41	2008-08-15-05 2396 2396 2.out	1500.7	0.456	0.41	1.69	277	0	IIV6	1	DDM*AASYLEGKER	14	NP_149635.1	172L	0.9824
14	2008-08-15-05 820 820 2.out	996.5	0.729	0.44	1.66	181	0	693	1	GOTGM*YPVK	10	ABO69713.1	Sec61alpha	0.9913
18	2008-08-15-05 946 946 2.out	1057.5	1.492	0.45	1.66	62	1	609	1	AFM*KNQFR	9	NP_149612.1	149L	0.9657
43	2008-08-15-05 2194 2194 2.out	1524.9	0.779	0.44	1.62	582	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.9636
10	2008-08-15-05 1422 1422 2.out	967.5	0.558	0.33	1.59	278	0	KBV KBV KBV KBV IAPV	6	FFNTPLK	8	YP_308663.1	VP3	0.9768
35	2008-08-15-05 2225 2225 2.out	1285.7	1.344	0.44	1.59	822	0	IIV6	1	EAQKIEKJGNR	11	NP_149612.1	149L	0.9583
27	2008-08-15-05 3647 3647 3.out	1189.6	0.124	0.4	1.52	212	0	Nosem	1	NGKVFPDEKR	10	ABE26649.1	pol polyprotein	0.9739
37	2008-08-15-05 2331 2331 2.out	1343.8	1.543	0.36	1.52	214	0	IIV6	1	LWLSELDVLKIK	11	NP_149590.1	127L	0.9546
50	2008-08-15-05 1997 1997 3.out	1904.9	0.686	0.4	1.52	193	0	IIV6	1	EYMM*ITIFCNQEHQIK	16	NP_149752.1	289L	0.9769
26	2008-08-15-05 3346 3346 3.out	1186.7	0.086	0.43	1.5	151	0	IIV6	1	ILFIGDPHK	10	NP_149707.1	244L	0.9972

Test 71

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
29	2008-08-18-04 2061 2061 2.out	1614.9	1.403	0.48	3.09	620	0	IIV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9863		
13	2008-08-18-04 89 89 2.out	1149.6	0.197	0.59	2.61	412	0	IAPV IAPV	2	ITSISETENR	10	YP_001040003.1	structural polyprotein	0.9792		
16	2008-08-18-04 150 150 2.out	1171.6	0.607	0.66	2.53	706	0	Nosem	1	HKGVMVGMGQK	11	AAB86863.1	actin	0.9591		
8	2008-08-18-04 308 308 2.out	974.6	0.398	0.38	2.44	636	0	Nosem	1	IKKELSTR	8	BAF76326.1	heat shock protein 70	0.9921		
25	2008-08-18-04 3194 3194 3.out	1515.7	1.122	0.48	2.43	717	0	Nosem	1	WHHHTFYNELR	11	AAB86863.1	actin	0.9705		
1	2008-08-18-04 1232 1232 2.out	700.5	0.102	0.2	2.17	370	0	Nosem	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	0.9656		
17	2008-08-18-04 1994 1994 2.out	1270.8	0.568	0.36	2.13	329	0	Nosem	1	NINTVKEVLK	11	ABV48897.1	hypothetical spore wall protein	0.9908		
21	2008-08-18-04 1108 1108 2.out	1344.7	0.772	0.29	2.1	407	0	IIV6	1	ENENNLEEIK	11	NP_149776.1	313L	0.9911		
12	2008-08-18-04 450 450 3.out	1126.6	1.859	0.39	2.02	224	1	099	1	NQGIGPADIN	11	AAK68858.1	DNA repair protein	0.9974		
23	2008-08-18-04 1934 1934 2.out	1384.8	0.824	0.41	1.93	533	0	693	1	FVGADVVLLEPII	13	NP_149910.1	447L	0.9748		
10	2008-08-18-04 1191 1191 2.out	1070.6	0.987	0.35	1.92	575	0	IIV6	1	LLWDWLPK	8	NP_149515.1	052R	0.9927		
33	2008-08-18-04 2151 2151 3.out	2265.2	1.522	0.55	1.92	60	2	079	1	PHITGWNIFNFDTFLLLK	19	NP_149500.1	037L	0.9568		
30	2008-08-18-04 2328 2328 2.out	1835.9	1.173	0.43	1.91	75	0	Nosem	1	OGPDYVPGTSSDMQIK	17	AAT72743.1	translation elongation factor 2	0.9871		
4	2008-08-18-04 237 237 2.out	791.4	0.351	0.34	1.88	851	0	Nosem	1	ESKDNAK	7	ABE27277.1	unknown	0.9918		
24	2008-08-18-04 2817 2817 2.out	1413.8	1.022	0.39	1.79	223	0	SV	1	FVKWVHQEQIK	11	AAL79021.1	AF469603.1 polyprotein	0.9929		
3	2008-08-18-04 335 335 2.out	783.5	0.053	0.45	1.77	679	0	IAPV IAPV	2	HVLTWK	6	YP_001040003.1	structural polyprotein	0.9877		
9	2008-08-18-04 1152 1152 2.out	1058.6	1.403	0.47	1.75	185	1	386	1	SPNVSITGKR	10	NP_149664.1	201R	0.9807		
7	2008-08-18-04 746 746 2.out	923.5	1.547	0.4	1.74	100	1	609	1	KBV KBV KBV	3	VASGVSYLK	9	NP_851403.1	non-structural polyprotein	0.9901
27	2008-08-18-04 2183 2183 2.out	1524.9	0.472	0.48	1.66	590	0	IIV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	0.9573		
15	2008-08-18-04 833 833 2.out	1153.5	0.457	0.51	1.63	456	0	IIV6	1	TMTGLEDASGR	12	NP_149548.1	085L	0.9898		
2	2008-08-18-04 654 654 1.out	730.4	1.218	0.32	1.61	220	0	IIV6	1	LNLDVDR	6	NP_149681.1	218R	1		
20	2008-08-18-04 2704 2704 3.out	1338.7	0.449	0.41	1.58	141	0	693	1	BOCV	1	DOTEDIFLSRK	11	AAP58354.1	RNA-dependent RNA polymerase RdRp	0.9876
28	2008-08-18-04 4233 4233 3.out	1604.8	1.19	0.43	1.57											

Test 71

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
42	2008-08-18-05 2407 2408 2.out	1473.7	0.653	0	3.87	1840	0	ABPV ABPV ABPV ABPV ABPV	5	DYMSYLSYIYR	11	NP_066242.1	capsid protein	1
23	2008-08-18-05 87 87 2.out	1149.6	0.632	0.68	3.11	906	0	APV APV	2	ITISETENR	10	YP_001040003.1	structural polyprotein	1
44	2008-08-18-05 2828 2828 3.out	1515.7	1.268	0.62	2.98	1219	0	Nosema	1	WHHHTFYNELR	11	AAB86863.1	actin	0.9552
55	2008-08-18-05 1964 1964 2.out	1790.9	0.237	0.6	2.96	598	0	Nosema	1	SYELPDGQVIGSER	16	AAB86863.1	actin	1
22	2008-08-18-05 1910 1910 2.out	1143.6	0.113	0.58	2.61	1040	0	Nosema Nosema	2	LAVNIVPPR	10	AAN35161.1	beta-tubulin	1
37	2008-08-18-05 1952 1952 2.out	1384.8	1.612	0.29	2.57	379	0	IV6	1	FVGADVLVLEPII	13	NP_149910.1	447L	1
16	2008-08-18-05 1582 1582 2.out	1009.5	1.418	0.28	2.39	439	0	IV6	1	EFDLNIFPK	8	NP_149758.1	295L	1
48	2008-08-18-05 3645 3645 2.out	1614.9	0.451	0.27	2.33	495	0	IV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	1
13	2008-08-18-05 1385 1385 2.out	967.5	0.635	0.51	2.29	625	0	KBV KBV KBV KBV APV APV	6	FFNTPLK	8	YP_308663.1	VP3	1
25	2008-08-18-05 192 192 2.out	1171.6	0.062	0.65	2.21	567	0	Nosema	1	HKGVVMGQK	11	AAB86863.1	actin	1
14	2008-08-18-05 390 390 2.out	974.6	0.525	0.31	2.19	478	0	Nosema	1	IKKELSTR	8	BAF76326.1	heat shock protein 70	1
8	2008-08-18-05 1005 1005 2.out	801.5	0.558	0.31	2.17	577	0	BQCV	1	LDLVVVK	7	NP_620564.1	nonstructural polyprotein	1
36	2008-08-18-05 1010 1010 2.out	1344.7	1.52	0.31	2.14	365	0.693	IV6	1	ENENNLEEK	11	NP_149776.1	313L	1
6	2008-08-18-05 286 286 2.out	791.4	0.672	0.3	2.1	977	0	Nosema	1	ESKDNAK	7	ABE27277.1	unknown	1
28	2008-08-18-05 1813 1813 2.out	1213.7	1.319	0.2	2.1	889	0	IV6	1	ELNQILDKIK	10	NP_149916.1	453L	1
49	2008-08-18-05 1093 1093 2.out	1626.9	0.294	0.41	2.04	238	0	IV6	1	KFFSKWVQSLFK	13	NP_149538.1	075L	1
21	2008-08-18-05 3893 3893 2.out	1122.5	0.463	0.47	1.97	459	0	IV6	1	SLMGNCPSVK	11	NP_149555.1	092R	1
19	2008-08-18-05 1183 1183 2.out	1070.6	0.556	0.33	1.96	603	0	IV6	1	LLWDLWPK	8	NP_149515.1	052R	1
31	2008-08-18-05 2077 2077 2.out	1268.6	1.61	0.42	1.96	424	0.693	IV6	1	DKMQIYVEDK	10	NP_149676.1	213R	1
38	2008-08-18-05 1736 1736 2.out	1389.8	1.465	0.3	1.96	219	0.693	VDV1 VDV1	2	LFKTMISM*LHQR	12	YP_145791.1	polyprotein	1
47	2008-08-18-05 2201 2201 2.out	1590.8	0.808	0.27	1.95	318	0	IV6	1	EIEPFTGVASVIGGK	16	NP_149806.1	343L	1
20	2008-08-18-05 1371 1371 2.out	1071.6	0.662	0.27	1.92	622	0	IV6	1	GKVEIFHNK	9	NP_149917.1	454R	1
1	2008-08-18-05 1279 1279 2.out	700.5	0.337	0.44	1.89	364	0	Nosema	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	1
45	2008-08-18-05 2150 2150 2.out	1524.9	1.502	0.31	1.89	862	0	IV6	1	SLGVVNEQLKVNPK	14	NP_149859.1	396L	1
40	2008-08-18-05 2564 2564 2.out	1426.7	0.359	0.3	1.88	223	0	IV6	1	SIDLIMYVESEK	12	NP_149485.1	022L	1
50	2008-08-18-05 2209 2209 2.out	1648.8	1.541	0.37	1.87	158	1.792	IV6	1	ETTNEEVNIDEIDK	14	NP_149901.1	438L	1
52	2008-08-18-05 2213 2213 2.out	1746.8	0.683	0.32	1.84	173	0.693	IV6	1	NCQEKEITIYSDFNR	14	NP_149500.1	037L	1
53	2008-08-18-05 1778 1778 2.out	1769.8	1.472	0.36	1.83	340	0	IV6	1	FEASEEMYSWYKSNK	14	NP_149902.1	439L	1
33	2008-08-18-05 1672 1672 2.out	1309.8	0.006	0.39	1.82	444	0	Nosema	1	HFGVRLRLAK	11	AAU11093.1	unknown	1
27	2008-08-18-05 2069 2069 2.out	1205.7	0.496	0.35	1.81	187	1.099	IV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	1
12	2008-08-18-05 1149 1149 2.out	930.5	0.601	0.44	1.79	386	0	IV6	1	EADILEK	8	NP_149624.1	161L	1
26	2008-08-18-05 449 449 2.out	1197.6	0.33	0.42	1.79	193	0.693	IV6	1	NKNISKNSHR	10	NP_149877.1	414L	1
17	2008-08-18-05 1552 1552 2.out	1041.5	0.603	0.28	1.76	590	0	IV6	1	M*QIYVEDK	9	NP_149676.1	213R	1
34	2008-08-18-05 1844 1844 2.out	1327.8	1.278	0.36	1.76	303	0	Nosema	1	ARSGVILPCGAGK	14	AAT12293.1	DNA repair helicase RAD25	1
32	2008-08-18-05 2177 2177 2.out	1285.7	0.765	0.51	1.75	905	0	IV6	1	EAQKIEKIGNR	11	NP_149612.1	149L	1
4	2008-08-18-05 3969 3969 2.out	775.5	0.193	0.51	1.71	116	0	IV6	1	EVSLSLK	7	NP_149765.1	302L	1
35	2008-08-18-05 1949 1949 2.out	1332.8	0.723	0.32	1.71	216	0	Nosema	1	VESSIQSIIK	12	ABE27277.1	unknown	1
56	2008-08-18-05 2500 2500 2.out	1947.8	1.521	0.41	1.64	148	0	Nosema	1	FNEQCQREM*EVLMSMK	17	ABV48900.1	hypothetical spore wall protein	1
5	2008-08-18-05 502 502 2.out	783.5	0.345	0.4	1.62	558	0	APV APV	2	HVLTKW	6	YP_001040003.1	structural polyprotein	1
43	2008-08-18-05 2353 2353 2.out	1500.7	0.481	0.37	1.58	328	0	IV6	1	DDM*AASYLEKER	14	NP_149635.1	172L	1
15	2008-08-18-05 830 830 2.out	994.4	1.395	0.37	1.55	85	1.386	Nosema	1	VSASDSEGDK	10	ABV48898.1	hypothetical spore wall protein	1

Test 75

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
8	2008-10-17-04 1957 1957 2.out	961.4	0.001	0.21	2.18	225	0	SVISV	2	EASPNSDGGK	10	NP_049374.1	polyprotein	0.9993

Test 76 – below detection limits

Test 77

Sr No	File Name	(M+H)	ΔM	ΔCn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
2	2008-10-17-07 1893 1893 2.out	702.4	0.439	0.07	2.03	264	0.693	IV6	1	NVNIDK	6	NP_149647.1	184R	0.9963

Note - very weak peptides of no significance value (only 6 AA)

Test 78 – below detection limits

Test 79 – below detection limits

Test 80 – below detection limits

Test 81 – below detection limits

Sr No	File Name	[M+H] ⁺	M	^Cn	XCor	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
103	2008-03-05-05 3925 3925 2 out	1790 9	0 122	0 67	3 1	634	0	No	1	SYELPGGGVWIKGSER	16	AAB86863 1	actin	0 9917
79	2008-03-05-05 2790 2790 2 out	1202 7	1 09	0 2	2 26	272	0	IV6	1	KFPTLEINK	10	NP_149681 1	225R	0 9945
100	2008-03-05-05 3888 3888 2 out	1614 9	0 47	0 28	2 25	813	0	IV6	1	TILTIVQVNINIEK	14	NP_149513 1	050L	0 9965
21	2008-03-05-05 979 979 2 out	802 5	0 907	0 09	2 18	246	1 386	No	1	KSLDVLK	7	AB069715 1	unknown	0 9877
10	2008-03-05-05 1946 1946 2 out	743 5	1 57	0 17	2 11	393	0	IV6	1	QVKKIK	6	NP_149486 1	023L	0 9902
6	2008-03-05-05 1542 1542 2 out	725 3	0 175	0 04	2 07	293	0	No	1	QFSDTQ	6	AAL28057 1	AF406785, 6 calmodulin-dependent protein kinase	0 9978
54	2008-03-05-05 1545 1545 2 out	986 6	1 03	0 19	2 04	171	1 099	No	1	EGTAVLRLK	9	AAAB62548 1	glutaminyl-tRNA synthetase	0 9899
19	2008-03-05-05 2042 2042 2 out	777 5	1 318	0 19	2 03	185	1 386	IV6	1	EIIFFKK	6	NP_149713 1	250L	0 9912
8	2008-03-05-05 1429 1429 2 out	730 4	0 478	0 12	1 98	290	1 386	IV6	1	QIDNLK	6	NP_149923 1	460R	0 9732
11	2008-03-05-05 1180 1180 2 out	744 5	0 751	0 04	1 97	278	0 693	No	1	KLLENK	6	AAAB62548 1	glutaminyl-tRNA synthetase	0 9763
99	2008-03-05-05 3265 3265 2 out	1595 8	0 268	0 15	1 97	49	1 609	IV6	1	EMINIFKSLDEEK	13	NP_149611 1	148R	0 974
77	2008-03-05-05 3265 3265 2 out	1178 7	0 745	0 2	1 95	478	0 693	IV6	1	LINEIKFSFK	10	NP_149500 1	037L	0 9897
95	2008-03-05-05 4428 4428 2 out	1492 9	0 446	0 24	1 92	231	1 386	No	1	VLNDRHLGSKLK	13	BAF76326 1	heat shock protein 70	1
1	2008-03-05-05 3156 3156 2 out	700 5	0 41	0 29	1 9	359	0	No	1	VNDIK	6	ABM26977 1	RNA polymerase II largest subunit	0 9926
94	2008-03-05-05 3711 3711 2 out	1481 9	1 927	0 24	1 85	124	0	DWVJDWV DWV DWV Kakugo DV1	1	LLKAVNDEPEILK	13	NP_853560 2	polyprotein	1
18	2008-03-05-05 945 945 2 out	774 4	0 887	0 04	1 88	303	0	IV6	1	ELKDNR	6	NP_149851 1	388R	0 9902
50	2008-03-05-05 1861 1861 2 out	949 5	1 053	0 18	1 86	223	1 099	No	1	AGMSA GTLK	10	AAAC47660 1	mitochondrial-type HSP70	0 9803
40	2008-03-05-05 3188 3188 2 out	914 6	0 618	0 15	1 84	187	0	IV6	1	LINDLAKK	8	NP_149647 1	184R	0 9948
67	2008-03-05-05 3106 3106 2 out	1070 6	0 114	0 28	1 84	448	0	IV6	1	LLWDWLPK	8	NP_149515 1	052R	0 9627
28	2008-03-05-05 2058 2058 2 out	829 6	1 866	0 1	1 83	336	0	IV6	1	IKTINLK	7	NP_149545 1	0182L	0 979
42	2008-03-05-05 1005 1005 2 out	919 5	0 166	0 19	1 82	204	1 386	IV6	1	ESIKDSIK	8	NP_149548 1	0185L	0 9938
92	2008-03-05-05 2888 2888 2 out	1396 8	1 126	0 33	1 82	96	0 693	gl	1	EDERVVPVPKTK	12	YP_654579 1	hypothetical protein MIV007R	0 9976
16	2008-03-05-05 1606 1606 2 out	771 5	1 4	0 24	1 81	363	0 693	No	1	RIEILK	6	ABE27266 1	unknown	0 9949
89	2008-03-05-05 3069 3069 2 out	1372 7	1 19	0 21	1 81	75	1 386	No	1	EVIGIEDOLKNIK	12	AB069725 1	unknown	0 9731
34	2008-03-05-05 1575 1575 2 out	867 5	0 564	0 27	1 79	92	2 303	IV6	1	KKLLHDVK	7	NP_149751 1	287R	0 9909
2	2008-03-05-05 1130 1130 2 out	718 4	0 743	0 13	1 78	162	0 693	IV6	1	QTINDK	6	NP_149843 1	380R	0 9905
22	2008-03-05-05 2320 2320 2 out	807 5	1 636	0 1	1 78	167	0	No	1	FMLAGLRL	7	AAU11091 1	class-II photolyase	0 9968
81	2008-03-05-05 3786 3786 2 out	1236 7	0 779	0 13	1 77	208	0	IV6	1	IFVFKNIIDK	10	NP_149561 1	098R	0 9522
88	2008-03-05-05 2859 2859 2 out	1310 7	1 35	0 37	1 77	98	1 946	IV6	1	LDLISPLSTHSK	12	NP_149691 1	232R	0 9818
25	2008-03-05-05 486 486 2 out	818 4	0 338	0 14	1 73	411	1 386	No	1	EDENGVR	7	ABY49795 1	hypothetical spore wall protein 13	0 9638
83	2008-03-05-05 2732 2732 2 out	1268 6	0 755	0 32	1 73	262	0 693	gl	1	SDGDICYRLVK	11	YP_654664 1	hypothetical protein MIV092R	0 9725
20	2008-03-05-05 2604 2604 1 out	795 5	1 02	0 31	1 72	263	0	No	1	NIPRAPK	7	AAC47660 1	mitochondrial-type HSP70	1
7	2008-03-05-05 456 456 2 out	729 5	0 012	0 17	1 71	358	0 693	IV6	1	KSFAAKK	7	NP_149872 1	411L	0 9901
12	2008-03-05-05 2554 2554 2 out	745 5	0 326	0 2	1 71	525	1 386	IV6	1	EKKVVK	6	NP_149581 1	122R	0 95
24	2008-03-05-05 2536 2536 2 out	816 5	0 702	0 23	1 7	183	2 079	IV6	1	KDTIVLK	7	NP_149618 1	155L	0 9783
15	2008-03-05-05 1450 1450 2 out	755 4	0 469	0 31	1 69	120	0 693	IV6	1	ECGPPIPR	7	NP_149841 1	378R	0 9571
45	2008-03-05-05 4804 4804 2 out	924 6	0 247	0 23	1 69	139	0	IV6	1	TPRIVPNK	8	NP_149758 1	295L	0 9944
60	2008-03-05-05 4195 4195 2 out	1030 6	0 424	0 23	1 69	154	0	No	1	NSVDEILK	9	ABM26980 1	RNA polymerase II largest subunit	0 9557
85	2008-03-05-05 3853 3853 2 out	1288 7	0 644	0 25	1 69	129	0	IV6	1	NMKTNVIANRK	11	NP_149482 1	019R	0 9599
53	2008-03-05-05 4345 4345 2 out	979 6	0 56	0 22	1 68	105	0 693	IV6	1	KTYDIVK	8	NP_149531 1	067R	0 9558
33	2008-03-05-05 1626 1626 2 out	866 5	0 436	0 2	1 67	98	1 386	IV6	1	KNTFKTK	7	NP_149813 1	350L	0 979
41	2008-03-05-05 1178 1178 2 out	915 5	0 266	0 29	1 67	158	0	No	1	FHDEVLR	7	AAT72742 1	60S ribosomal protein L10a	0 9603
66	2008-03-05-05 4053 4053 2 out	1060 6	0 888	0 19	1 66	68	0 693	No	1	IISRSER	9	ABO69721 1	unknown	0 9845
32	2008-03-05-05 1354 1354 2 out	858 5	0 864	0 14	1 65	190	0	IV6	1	ELKDLIK	7	NP_149292 1	145L	0 9642
71	2008-03-05-05 2713 2713 2 out	1142 6	0 609	0 29	1 65	118	1 099	IV6	1	ENVHTSTINK	10	NP_149931 1	467R	0 996
55	2008-03-05-05 2602 2602 2 out	989 5	0 064	0 26	1 63	408	0	IV6	1	DKKLNESR	8	NP_149639 1	176R	0 9954
62	2008-03-05-05 1695 1695 2 out	1042 5	1 132	0 2	1 63	177	0 693	SV	1	NLSSEYSSR	9	AAK16263 1	polyprotein	0 9722
13	2008-03-05-05 2106 2106 2 out	749 4	0 764	0 2	1 62	277	0	gl	1	FV QSR	6	YP_654617 1	hypothetical protein MIV045R	0 9523
47	2008-03-05-05 4153 4153 2 out	943 5	0 316	0 24	1 62	124	1 386	gl	1	NPENTKK	8	YP_654641 1	hypothetical protein MIV074L	0 9532
107	2008-03-05-05 1208 1208 3 out	2030 1	1 488	0 35	1 62	217	0	IV6	1	YMYGGKSTAYFVRETR	17	NP_149737 1	274L	1
43	2008-03-05-05 1482 1482 2 out	921 6	1 211	0 2	1 6	238	0	IV6	1	SLRSFAIK	8	NP_149767 1	304R	0 9767
70	2008-03-05-05 4244 4244 3 out	1135 5	0 737	0 43	1 6	125	0	BQCV BQCV	2	PDWDPYSK	9	NP_620565 1	structural polyprotein	0 963
96	2008-03-05-05 2799 2799 2 out	1521 9	0 037	0 3	1 59	126	0	IV6	1	MNKNGFVKVLMK	13	NP_149865 1	403L	0 9979
59	2008-03-05-05 1527 1527 2 out	1027 6	0 141	0 32	1 58	234	0	gl	1	PEIRDEL	8	YP_654659 1	hypothetical protein MIV087L	0 9957
49	2008-03-05-05 5824 5824 2 out	947 5	1 182	0 24	1 57	266	0	No	1	LSKEDDIK	8	ABE26649 1	polyprotein	0 9547
57	2008-03-05-05 4420 4420 2 out	1001 5	0 445	0 3	1 57	290	1 386	No	1	VTVDVGAQGR	10	ABE26655 1	polyprotein	0 9576
78	2008-03-05-05 4026 4026 2 out	1193 6	1 822	0 25	1 57	119	0 693	IV6	1	NQQYRDELK	9	NP_149771 1	307L	0 9535
38	2008-03-05-05 3274 3274 2 out	896 5	1 095	0 19	1 56	358	0	IV6	1	NFVKMNMK	8	NP_149902 1	139L	0 9917
97	2008-03-05-05 4436 4436 2 out	1545 9	0 457	0 27	1 56	138	0	IV6	1	QKDFHFKEILK	12	NP_149493 1	030L	1
5	2008-03-05-05 789 789 2 out	724 4	0 436	0 22	1 55	359	0	IV6	1	KSFOSK	6	NP_149824 1	361L	0 9517
9	2008-03-05-05 2530 2530 2 out	732 4	0 499	0 16	1 55	400	0 693	No	1	QLWTGK	6	ABM26981 1	RNA polymerase II largest subunit	0 9593
63	2008-03-05-05 1510 1510 2 out	1042 6	0 992	0 32	1 55	285	0	SV SV SV	3	EAIGDILALK	10	NP_049374 1	polyprotein	1
52	2008-03-05-05 2545 2545 2 out	979 4	1 512	0 24	1 53	110	1 386	IV6	1	CPMEKEDK	8	NP_149552 1	089L	0 9875
61	2008-03-05-05 3170 3170 2 out	1039 6	1 688	0 21	1 53	304	0	SV SV	2	EIVIPDEPK	9	NP_049374 1	polyprotein	0 9964
4	2008-03-05-05 2211 2211 2 out	722 3	0 763	0 32	1 52	469	0	IV6	1	IGEM'EK	7	NP_149891 1	428L	0 9985
90	2008-03-05-05 3486 3486 2 out	1379 7	1 847	0 32	1 51	25	2 833	IV6	1	FDVPINSSLECR	12	NP_149548 1	085L	0 9967
46	2008-03-05-05 5155 5155 2 out	933 6	1 472	0 33	1 5	108	1 609	IV6	1	AI VISFKR	8	NP_149672 1	209R	0 9944

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Si No	File Name	M	N	C	X	Cm	Sp	R	S	Reference	No	Peptide	AA	ID#	Protein	PP
52	2008-03-05_06 3995 3995 2 out	1790	9	0.287	0.68	23	665	0	0	No	1	SYELPGDGVKIGSER	16	AA866931	actin	0.9988
42	2008-03-05_06 3263 3263 2 out	1515	7	0.795	0.66	30	957	0	0	No	1	WMMHTFYNELR	11	AA866953	actin	0.9983
22	2008-03-05_06 2766 2766 2 out	1207	1	1.076	0.18	265	416	0	0	IVB6	1	KPTPLERK	10	NP_149688	225R	0.9935
2	2008-03-05_06 2614 2614 1 out	7154	1	1.041	0.05	2	36	341	0	IVB	1	HNWK	6	NP_149495	132R	1
7	2008-03-05_06 928 928 2 out	802	5	0.99	0.2	2	3	266	0	No	1	KSALDK	7	ABE069715	1 unknown	0.9819
63	2008-03-05_06 3841 3841 3 out	2612	3	0.578	0.52	2	25	46	1	609	No	1NSASTNGKYEQNSLYKNNPPPSK	24	ABE27276	1 unknown	0.9993
50	2008-03-05_06 2836 2836 2 out	1722	9	0.983	0.28	2	24	402	0	IVB6	1	NE SRFVYTAGEED	15	NP_149750	1 287R	0.9624
45	2008-03-05_06 4014 4014 2 out	1614	9	0.465	0.35	2	23	726	0	IVB6	1	TILTIVQVNNIEK	14	NP_149513	1 050L	0.9965
31	2008-03-05_06 3104 3104 2 out	1296	7	1.498	0.36	2	22	211	0	No	1	EELMFRCKLK	10	ABE27267	1 unknown	0.9872
25	2008-03-05_06 2607 2607 3 out	215	6	0.293	0.32	2	1	236	0	No	1	ELFEKKHR	9	AA12292	1 hypothetical protein	0.9449
21	2008-03-05_06 3176 3176 2 out	1997	7	0.573	0.37	2	09	248	0	IVB6	1	KVNIQNK	10	NP_149674	1 211L	0.9975
64	2008-03-05_06 3218 3218 3 out	2292	1	1.164	0.3	2	09	109	0	IVB	1	SPVSNQSPDEEPI/POITLK	21	YP_654583	1 hypothetical protein MIV021L	0.9572
45	2008-03-05_06 4416 4416 2 out	579	3	0.772	0.45	2	08	774	0	IVB6	1	FLRTGTVLFLKDR	13	NP_149770	1 307L	0.997
65	2008-03-05_06 4101 4101 3 out	284	7	1.196	0.48	2	01	14	4	007	IVB6	1SSDYSILUHQRWNLKLSYIR	24	NP_149691	1 228L	0.9798
1	2008-03-05_06 3221 3221 1 out	705	0	1.019	0.18	19	99	420	0	No	1	VQDIXK	6	ABM05977	1 RNA polymerase II largest subunit	1
37	2008-03-05_06 2972 2972 2 out	1384	8	1.447	0.33	198	150	0	IVB6	1	IVGAGDVVLLPEPI	13	NP_149910	1 447L	0.994	
54	2008-03-05_06 4341 4341 2 out	1947	8	1.796	0.42	198	149	0	No	1	FNNECCGRCM*EVLMMSMK	17	ABD48900	1 hypothetical spore wall protein	0.9918	
29	2008-03-05_06 3618 3618 2 out	1757	0	0.449	0.36	194	169	0	IVB6	1	QWTRLESK	9	NP_149778	1 315L	0.9602	
4	2008-03-05_06 1498 1499 2 out	725	3	1.113	0.19	193	430	0	No	1	QFSDTQ	6	AA120657	1 AF-406785 6 calmodulin-dependent protein kinase	0.9881	
13	2008-03-05_06 3637 3637 2 out	886	5	1.747	0.42	189	279	0	IVB6	1	INFVYMK	7	NP_149602	1 439L	0.9865	
53	2008-03-05_06 5051 5051 3 out	1907	9	0.43	0.41	188	115	1	0.99	IVB6	1	IVCDHHKHEPPGILK	16	NP_149758	1 295L	0.9842
15	2008-03-06_06 2818 2818 2 out	978	5	0.497	0.28	187	272	0	No	1	KVSPRGER	8	ABE26555	1 pol polypeptide	0.979	
44	2008-03-05_06 4511 4511 2 out	1546	8	1.632	0.28	186	78	0	IVB6	1	KKCMGSYPSFSK	13	NP_149629	1 166L	0.9845	
61	2008-03-05_06 3193 3193 3 out	2352	2	0.715	0.36	185	82	0	IVB6	1	DAVTKEYDEIDKIDATVSSK	21	NP_149659	1 396L	0.9876	
35	2008-03-05_06 6393 6393 3 out	3107	0	1.96	0.42	185	106	2	0.79	IVB6	1	NSRSPWFWSK	10	NP_149678	1 215R	0.9834
28	2008-03-05_06 2363 2363 3 out	1231	7	1.069	0.34	183	283	0	DWV	1	FSISPSXVDR	11	ABD39714	1 polypeptide	0.9849	
41	2008-03-05_06 4346 4346 2 out	1404	9	1.079	0.31	182	89	0	693	No	1	VEEDIDRLLK	12	ABE26650	1 pol polypeptide	0.9889
32	2008-03-05_06 1961 1961 3 out	1292	7	0.889	0.32	181	177	0	IVB6	1	MANATYVNGELK	12	YP_654666	1 hypothetical protein MIV094L	0.9847	
11	2008-03-05_06 2500 2500 2 out	820	4	0.304	0.28	188	99	1	316S	IVB6	1	FTSF1NK	7	NP_149489	1 076R	0.997
56	2008-03-05_06 3730 3730 5 out	2066	2	0.315	0.4	180	90	2	303	No	1	GWASAAVQFDIILNLNIK	19	ABP08897	1 hypothetical spore wall protein	0.997
12	2008-03-05_06 2165 2165 2 out	859	5	1.842	0.24	177	193	0	IVB6	1	SKNHLER	7	NP_149666	1 223L	0.9775	
62	2008-03-05_06 4429 4429 3 out	2374	3	1.077	0.48	175	217	1	0.99	IVB6	1	ETQNOQVSLPTLKCSKCLK	21	NP_149654	1 391R	0.9643
47	2008-03-05_06 4217 4217 2 out	1648	8	0.033	0.32	174	284	0	IVB6	1	ETTNEEVNEDIDEK	14	NP_149901	1 438L	1	
29	2008-03-05_06 2646 2646 2 out	1266	6	0.812	0.35	171	237	1	396S	IVB6	1	SDGDCYRLVK	11	YP_654664	1 hypothetical protein MIV092R	0.9611
3	2008-03-05_06 7359 7359 2 out	7174	0	0.334	0.3	167	213	0	IVB6	1	ITTVGAR	7	NP_149484	1 085L	0.9935	
27	2008-03-05_06 414 414 3 out	1226	8	1.118	0.35	167	231	1	0.99	IVB6	1	MLVGRSPPLK	11	NP_149717	1 254L	0.996
57	2008-03-05_06 3535 3535 3 out	2106	2	1.323	0.41	167	228	0	IVB6	1	QLTQSKYNLPTAGWQFK	18	YP_654489	1 hypothetical protein MIV120R	0.9807	
5	2008-03-05_06 4353 4353 2 out	789	4	1.299	0.32	166	228	0	IVB6	1	KNPDS1	7	YP_654621	1 hypothetical protein MIV049R	0.9561	
23	2008-03-05_06 4070 4070 2 out	1205	7	0.539	0.43	166	263	0	693	IVB6	1	IVDTQSTQTKV	11	NP_149655	1 192R	0.9777
8	2008-03-05_06 1659 1659 2 out	806	5	0.9	0.5	165	103	1	792	IVB6	1	KIGYSIK	7	NP_149888	1 142S	0.9708
16	2008-03-05_06 3500 3500 2 out	1045	1	0.793	0.29	165	508	0	IVB6	1	M*QIVVEDK	9	NP_149676	1 213R	0.988	
17	2008-03-05_06 4429 4429 2 out	1042	6	1.06	0.33	165	314	0	SIVSIVS	3	EAGDILAKL	10	NP_049374	1 polypeptide	0.9569	
40	2008-03-05_06 1901 1901 3 out	1469	8	1.147	0.36	164	278	0	No	1	RCPLPSIDSLSYR	12	ABP08891	1 spore wall protein	0.9799	
43	2008-03-05_06 4821 4821 3 out	1528	8	1.732	0.36	164	100	1	0.99	IVB6	1	DNPSTOLDGK	14	NP_066242	1 caspase protein	0.9731
18	2008-03-06 5179 5179 3 out	1325	3	1.173	0.35	162	319	0	IVB6	1	EDSYVDI	16	NP_149083	1 340R	1	
9	2008-03-05_06 1411 1411 2 out	812	4	0.72	0.3	161	197	0	No	1	KYNEHK	6	ABE27277	1 unknown	0.9966	
36	2008-03-05_06 6681 6681 3 out	1367	1	1.692	0.35	161	270	0	IVB6	1	YPODPFSISOK	12	NP_149765	1 302L	0.9739	
49	2008-03-05_06 3643 3643 3 out	1588	9	1.095	0.36	161	127	0	IVB6	1	EMALPNEAASKT	15	NP_149674	1 211L	0.9761	
30	2008-03-05_06 6973 6973 3 out	1270	7	1.245	0.47	158	253	0	No	1	HRCPPLGTRK	11	ABD069719	1 unknown	0.9459	
26	2008-03-05_06 2133 2133 3 out	1275	5	1.65	0.41	158	83	0	693	IVB6	1	M*SDQYESIK	11	NP_149750	1 075L	0.9751
10	2008-03-05_06 7239 7239 2 out	813	6	1.047	0.35	159	177	0	No	1	LLVWNK	7	BAC15534	1 elongation factor 1 alpha	0.9831	
14	2008-03-06 7453 7453 2 out	916	4	0.56	0.47	159	525	0	ABP0891	1	ABP0891	8	AA58199	1 structural protein	0.9988	
31	2008-03-05_06 3893 3893 3 out	1271	7	1.572	0.39	153	134	0	693	IVB6	1	EYTKDIFK	10	ABD069726	1 unknown	0.9718
55	2008-03-05_06 3926 3926 3 out	2024	0	0.057	0.47	153	74	1	0.99	No	1	KNPDM'DTVLSVDFVVK	19	AA47659	1 unknown	0.9832
38	2008-03-05_06 5742 5742 3 out	1439	3	1.24	0.36	151	218	0	No	1	EVILKNEKLL	12	ABD08897	1 hypothetical spore wall protein	0.9723	

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Sr No	File Name	(M+H)	⁴ M	⁴ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
98	2008-03-05-08 4024 4024 2 out	1614.9	0.636	0.26	2.42	609	0	lIV6	1	TILTTKVQNINIEK	14	NP_149513_1	050L	0.989		
6	2008-03-05-08 2775 2775 1 out	715.4	0.045	0.07	2.11	339	0	lIV6	1	NIIDK	6	NP_149495_1	032R	1		
76	2008-03-05-08 3237 3237 2 out	1032.5	1.184	0.22	2.1	228	0	693	0	Nosema	1	LELGNPFSR	9	ABE26648_1	pol polyprotein	0.9974
35	2008-03-05-08 812 812 2 out	802.5	0.705	0.21	2.08	299	0	ABPV ABPV ABPV	3	KAMALR	7	AAL05919_1	capsid polyprotein	0.9514		
86	2008-03-05-08 3997 3998 2 out	1205.7	0.783	0.36	2.07	213	0	693	0	lIV6	11	NP_149655_1	192R	1		
28	2008-03-05-08 726 726 2 out	773.5	1.535	0.02	2.05	319	0	lIV6	1	KLDELR	6	NP_149695_1	232R	0.9847		
16	2008-03-05-08 2158 2158 2 out	743.5	1.585	0.14	2.04	369	0	lIV6	1	QVKKIK	6	NP_149486_1	023L	0.9679		
26	2008-03-05-08 980 980 2 out	759.5	1.411	0.12	2.02	257	0	lIV6	1	KNKEIK	6	NP_149864_1	401R	0.994		
54	2008-03-05-08 2176 2176 2 out	867.5	1.606	0.16	2	297	1	099	0	lIV6	1	KLHDVKK	7	NP_149750_1	287R	0.9962
12	2008-03-05-08 670 670 2 out	729.5	0.566	0.16	1.99	169	0	693	0	lIV6	1	KSPAACKK	7	NP_149872_1	411L	0.9789
63	2008-03-05-08 938 938 2 out	938.5	1.456	0.19	1.95	451	0	lIV6	1	NNHSILK	8	NP_149513_1	050L	0.9973		
52	2008-03-05-08 2992 2992 2 out	862.5	0.969	0.19	1.93	270	1	099	0	Nosema	1	KNKMTLK	7	ABO69713_1	Sec61alpha	0.9833
30	2008-03-05-08 1999 2000 2 out	778.4	1.413	0.1	1.92	136	1	609	0	lIV6	1	M'NLKTR	7	AAC47659_1	unknown	0.9549
36	2008-03-05-08 2631 2631 2 out	807.5	1.728	0.1	1.92	316	0	Nosema	1	FMLAGLR	7	AAU11091_1	class-II photolyase	0.981		
97	2008-03-05-08 3280 3280 2 out	1608.8	1.22	0.45	1.9	184	0	KBV	1	WFADIVGGVAAIFGW	15	YP_308661_1	VP4	0.9951		
46	2008-03-05-08 3140 3146 2 out	828.5	1.019	0.11	1.87	365	0	Nosema	1	ELGGLLAR	8	AAQ91616_1	unknown	0.9502		
81	2008-03-05-08 1612 1612 3 out	1142.7	1.756	0.39	1.87	936	0	lIV6	1	KDIAISKVLR	10	NP_149485_1	022L	1		
99	2008-03-05-08 3907 3907 2 out	1621.8	0.149	0.23	1.87	141	1	609	0	lIV6	1	FKGELRDNQM*IVR	14	NP_149624_1	161L	0.9678
68	2008-03-05-08 1015 1015 2 out	978.5	0.647	0.24	1.84	293	1	386	0	Nosema	1	KVSRFGER	8	ABE26655_1	pol polyprotein	0.9969
72	2008-03-05-08 2710 2710 2 out	989.5	0.187	0.22	1.83	414	1	099	0	lIV6	1	DKKLNESR	8	NP_149639_1	176R	0.9972
13	2008-03-05-08 698 698 2 out	731.4	1.491	0.13	1.81	153	1	386	0	lIV6	1	VKDELK	6	NP_149469_1	006L	0.9869
14	2008-03-05-08 992 992 2 out	731.5	1.415	0.08	1.81	227	0	693	0	lIV6	1	QTKKVK	6	NP_149705_1	242L	0.9949
19	2008-03-05-08 949 949 2 out	746.4	0.867	0.13	1.81	249	1	099	0	lIV6	1	EDVKKK	6	NP_149832_1	369L	0.9924
84	2008-03-05-08 2883 2883 2 out	1164.6	1.203	0.32	1.81	241	0	lIV6	1	KVKNQCESTK	10	NP_149813_1	350L	0.9953		
10	2008-03-05-08 1098 1098 2 out	725.3	0.357	0.17	1.8	100	2	2708	0	Nosema	1	QFSQTO	6	AAL28057_1	AF406785_6 calmodulin-dependent protein kinase	0.9627
20	2008-03-05-08 2662 2662 2 out	749.3	0.033	0.13	1.8	295	2	079	0	Nosema	1	DMNQVR	6	ABE27264_1	unknown	0.9777
60	2008-03-05-08 3255 3255 2 out	914.6	0.485	0.18	1.79	191	0	lIV6	1	LINDLAKK	8	NP_149647_1	184R	0.9974		
18	2008-03-05-08 664 664 2 out	744.5	0.626	0.1	1.78	494	0	Nosema	1	KLIENK	6	ABE62548_1	glutamyl-tRNA synthetase	0.9646		
71	2008-03-05-08 991 991 2 out	983.4	0.284	0.21	1.77	136	2	398	0	lIV6	1	DETM*KTDK	9	NP_149856_1	393L	0.9898
55	2008-03-05-08 3525 3525 2 out	880.4	0.643	0.19	1.76	135	1	792	0	lIV6	1	IDGVDSFK	8	NP_149485_1	022L	0.983
29	2008-03-05-08 1774 1774 2 out	777.4	1.388	0.1	1.74	367	0	lIV6	1	KSDNGEK	7	NP_149748_1	285L	0.9903		
53	2008-03-05-08 1502 1502 2 out	866.5	0.385	0.21	1.74	180	1	099	0	Nosema	1	FASFAPAR	8	AAT12295_1	phospholipase D	0.994
85	2008-03-05-08 4118 4118 2 out	1181.7	1.917	0.26	1.74	212	0	lIV6	1	AGDAIPQIGVK	12	NP_149668_1	205R	0.998		
94	2008-03-05-08 4560 4560 3 out	1430.7	1.098	0.45	1.74	217	0	693	0	lIV6	1	NDYKSLSYIDGK	12	NP_149618_1	155L	0.9516
15	2008-03-05-08 2020 2020 2 out	732.4	0.46	0.14	1.73	236	1	386	0	Nosema	1	EINNDK	6	ABE26653_1	pol polyprotein	0.9982
40	2008-03-05-08 2846 2846 2 out	817.5	0.798	0.2	1.73	355	1	099	0	lIV6	1	LICEALR	7	NP_149585_1	122R	0.9792
45	2008-03-05-08 622 622 2 out	826.5	0.93	0.16	1.73	171	1	386	0	lIV6	1	KILDIPK	7	NP_149707_1	244L	0.9983
7	2008-03-05-08 1423 1423 2 out	717.4	0.647	0.14	1.71	197	1	099	0	lIV6	1	ITTVGAR	7	NP_149548_1	085L	0.9827
47	2008-03-05-08 2800 2800 2 out	830.5	0.406	0.22	1.71	203	2	079	0	lIV6	1	GGQLAGVTK	9	YP_654600_1	hypothetical protein MIV028R	0.9941
1	2008-03-05-08 3333 3333 2 out	700.5	0.536	0.46	1.7	281	0	Nosema	1	VXDIK	6	ABM26977_1	RNA polymerase II largest subunit	0.966		
3	2008-03-05-08 1243 1243 2 out	703.4	0.641	0.15	1.7	298	0	lIV6	1	ENVITK	6	YP_654658_1	hypothetical protein MIV086L	0.9856		
31	2008-03-05-08 1668 1668 2 out	780.4	0.854	0.21	1.71	338	1	609	0	lIV6	1	PFQM*GGK	8	NP_149731_1	268L	0.9527
48	2008-03-05-08 1087 1087 2 out	832.5	0.495	0.14	1.7	266	0	DWVJDWVJDWV Kakugo	4	QIRM*LR	7	NP_853560_2	polypeptide	0.9512		
64	2008-03-05-08 4142 4142 2 out	942.6	0.86	0.29	1.7	199	0	lIV6	1	VKVNDDILK	8	NP_149527_1	064L	0.9887		
70	2008-03-05-08 1681 1681 2 out	980.6	0.343	0.2	1.7	309	0	lIV6	1	SPNISPPR	9	NP_149910_1	447L	0.9888		
62	2008-03-05-08 1278 1278 2 out	921.6	1.106	0.41	1.69	247	0	lIV6	1	SLRSFAIK	8	NP_149767_1	304R	0.9506		
100	2008-03-05-08 3993 3994 2 out	1763.1	0.32	0.29	1.69	463	0	Nosema	1	RMFVLAVIVLFLTK	15	AAL28057_1	AF406785_6 calmodulin-dependent protein kinase	0.9924		
57	2008-03-05-08 2001 2001 2 out	892.5	0.54	0.19	1.67	262	0	lIV6	1	ETVGVLFK	8	NP_149770_1	307L	0.9872		
25	2008-03-05-08 2398 2398 2 out	759.4	0.536	0.31	1.66	243	0	693	0	Nosema	1	LAVNMP*VP	8	AAB12038_1	beta-tubulin	0.9984
61	2008-03-05-08 1110 1110 2 out	921.5	1.355	0.17	1.65	209	0	lIV6	1	SSLMDQLK	8	YP_654601_1	hypothetical protein MIV029R	0.9504		
73	2008-03-05-08 3960 3960 2 out	1008.6	0.9	0.34	1.63	127	0	693	0	Nosema	1	SLSHPNILK	9	AAL28053_1	AF406785_2 checkpoint protein kinase	0.9661
67	2008-03-05-08 2082 2082 2 out	949.5	0.977	0.22	1.6	171	0	lIV6	1	ELM*DALNK	9	NP_149864_1	401R	0.993		
38	2008-03-05-08 1316 1316 2 out	812.4	0.493	0.22	1.58	212	0	693	0	Nosema	1	KYMFENK	6	ABE27277_1	unknown	0.9956
17	2008-03-05-08 1143 1143 2 out	744.4	0.847	0.25	1.57	199	1	099	0	lIV6	1	QALWAR	6	NP_149878_1	415R	0.9967
87	2008-03-05-08 6060 6068 2 out	1208.6	0.861	0.3	1.57	119	1	386	0	Nosema	1	DPFPEIDM*TK	11	ABV48892_1	hypothetical spore wall protein	0.9717
24	2008-03-05-08 1653 1653 2 out	756.4	0.509	0.18	1.55	209	0	693	0	Nosema	1	FEAYVK	6	AAL28053_1	AF406785_2 checkpoint protein kinase	0.992
32	2008-03-05-08 1314 1314 2 out	784.5	0.443	0.21	1.55	166	1	1099	0	lIV6	1	QVRLRL	6	YP_145791_1	polypeptide	0.985
93	2008-03-05-08 2868 2868 2 out	1383.7	0.098	0.22	1.54	106	0	693	0	Nosema	1	ENMAGKRSFDTK	12	ABE26650_1	pol polyprotein	0.9962
43	2008-03-05-08 2701 2701 2 out	820.5	0.212	0.23	1.53	346	0	lIV6	1	RAVTMVK	8	YP_654627_1	hypothetical protein MIV055R	0.9881		
78	2008-03-05-08 4695 4695 2 out	1055.6	1.804	0.42	1.52	208	0	693	0	Nosema	1	LVKEPNLSR	9	AAT7243_1	translation elongation factor 2	0.9567
96	2008-03-05-08 3871 3871 2 out	1516.8	0.693	0.37	1.52	120	0	ABPV ABPV ABPV	3	NNPNKMK*TPVKEK	14	AAL05919_1	capsid polyprotein	1		

Test 89

Sr No	File Name	(M+H)	⁴ M	⁴ Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
8	2008-03-05-09 2302 2302 2 out	892.5	0.654	0.48	2	15	442	0	lIV6	1	ETVGVLFK	8	NP_149770_1	307L	0.9713
17	2008-03-05-09 3938														

Test 90

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
65	2009-03-18-07 3996 3996 2.out	1790.9	1.483	0.61	3.52	784	0	No	1	SYELPDGQVIGKIGSER	16	AAB86863 1	actin	0.9815	
55	2009-03-18-07 4065 4065 2.out	1614.9	0.591	0.38	2.7	792	0	IVIV6	1	TILTTKVONINIEK	14	NP_149513 1	050L	0.9714	
52	2009-03-18-07 3280 3280 3.out	1559.8	1.427	0.52	2.5	653	0	IVIV6	1	M'DETQQQLYKPK	13	NP_149668 1	205R	0.9894	
46	2009-03-18-07 3735 3735 2.out	1432.8	0.465	0.41	2.35	835	0	g	1	AM'VLDILKELGSK	14	YP_654651 1	hypothetical protein MIV079L	0.9559	
60	2009-03-18-07 4281 4281 3.out	1568.1	1.811	0.33	2.3	393	0	No	1	IKVQEQVQDILEK	14	ABE27269 1	unknown	0.9894	
41	2009-03-18-07 3894 3894 2.out	1329.8	1.558	0.38	2.14	179	1.099	IVIV6	1	VEKGLSISQIKK	12	NP_149508 1	145L	0.9832	
58	2009-03-18-07 4296 4297 2.out	1648.8	0.668	0.39	2.11	270	0	IVIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0.9571	
39	2009-03-18-07 4009 4009 2.out	1270.8	1.449	0.25	2.09	396	0	No	1	NINTVKEVLK	11	ABV48897 1	hypothetical spore wall protein	0.9964	
51	2009-03-18-07 3809 3810 3.out	1536.8	0.587	0.3	2.02	286	0	IVIV6	1	SPKSMTVQSIAPK	15	NP_149629 1	366R	0.9915	
22	2009-03-18-07 2839 2839 3.out	1118.6	1.799	0.31	2	589	0	ABPV	1	VDLCAEVKVK	10	NP_066241 1	replicase polyprotein	0.957	
42	2009-03-18-07 3096 3096 2.out	1344.7	0.363	0.25	1.97	431	0	IVIV6	1	IEENENLLEEK	11	NP_149776 1	313L	0.994	
48	2009-03-18-07 1461 1461 3.out	1468.8	0.82	0.5	1.93	271	0	No	1	KYELEGAPCHVIR	13	ABM26977 1	RNA polymerase II largest subunit	0.958	
25	2009-03-18-07 3905 3905 2.out	1134.6	1.487	0.37	1.91	303	0	IVAPV APV	2	VOKNNSPGYK	10	YP_001040003 1	structural polyprotein	0.9864	
63	2009-03-18-07 4072 4072 2.out	1765.9	1.615	0.35	1.91	516	0	IVIV6	1	TYTYPAGM'DKWPV EV	16	NP_149530 1	067R	0.9951	
8	2009-03-18-07 2272 2272 2.out	892.5	0.513	0.23	1.9	284	0	IVIV6	1	ETVGVLFK	8	NP_149770 1	307L	0.9944	
43	2009-03-18-07 3873 3873 2.out	1777.7	0.554	0.26	1.9	110	0	IVIV6	1	NEENNSVGR7QTMK	12	NP_149530 1	067R	0.9834	
61	2009-03-18-07 7109 7109 3.out	1750.9	0.425	0.46	1.88	181	1.099	IVAPV APV	2	VDLCAEVRNKVKVEFTK	15	YP_001040002 1	polymerase polyprotein	1	
35	2009-03-18-07 2917 2917 2.out	1243.7	0.591	0.32	1.84	686	0	IVIV6	1	IEELKEELK	10	NP_149512 1	049L	0.9928	
7	2009-03-18-07 3768 3768 2.out	880.5	1.623	0.42	1.83	280	0	IVIV6	1	INFVKMK	7	NP_149902 1	439L	0.9873	
32	2009-03-18-07 3852 3852 2.out	1213.7	1.609	0.28	1.83	720	0	IVIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0.9896	
20	2009-03-18-07 4564 4564 3.out	1099.6	0.488	0.31	1.81	129	0.693	g	1	QSSGGSPSPVKR	11	YP_654646 1	hypothetical protein MIV074L	0.9724	
64	2009-03-18-07 3507 3507 3.out	1776.9	1.763	0.35	1.79	156	0	No	1	IVM'CEDCNRNQPVKK	15	AAD12605 1	RNA polymerase II largest subunit	0.9943	
23	2009-03-18-07 2779 2779 3.out	1120.5	0.31	0.33	1.77	223	1.386	No	1	IDEAGDIEK	10	ABE27267 1	unknown	0.9958	
5	2009-03-18-07 7278 7278 2.out	762.4	0.304	0.37	1.75	158	2	1.97	No	1	KLDMGAK	7	ABM26981 1	RNA polymerase II largest subunit	0.9946
37	2009-03-18-07 4593 4593 3.out	1255.7	0.34	0.4	1.75	142	1.099	No	1	RFDNDSYARK	10	ABV48899 1	hypothetical spore wall protein	0.9719	
4	2009-03-18-07 2584 2584 2.out	759.4	0.441	0.29	1.73	203	0	No	1	LAVNIN'P	8	AAB12038 1	beta-tubulin	0.9721	
67	2009-03-18-07 439 439 2.out	1947.8	1.803	0.46	1.72	126	0	No	1	FEQCGRE'MEVLSMSK	17	ABV48900 1	hypothetical spore wall protein	0.9794	
38	2009-03-18-07 3045 3046 2.out	1258.7	0.781	0.49	1.7	265	0	IVIV6	1	INKSPLNNESEK	11	NP_149523 1	060L	0.9779	
65	2009-03-18-07 3661 3661 3.out	1599.6	1.429	0.36	1.68	132	0.693	IVIV6	1	MILLITNGFLYFVTAKR	22	NP_149820 1	357R	0.9839	
31	2009-03-18-07 2391 2391 3.out	1207.7	1.531	0.43	1.66	378	0	ABPV	1	KIAIGINVADGR	12	NP_066241 1	replicase polyprotein	0.9658	
53	2009-03-18-07 1662 1662 3.out	1575.9	0.004	0.38	1.66	153	0.693	IVIV6	1	SLRSFAJKAATIVR	14	NP_149767 1	304R	0.9738	
10	2009-03-18-07 4523 4523 2.out	954.4	1.036	0.44	1.65	185	1.099	No	1	DTDSFEIK	8	ABV48893 1	hypothetical spore wall protein	0.9659	
33	2009-03-18-07 5260 5260 3.out	1228.6	1.957	0.4	1.65	208	0	No	1	IVYSDFWER	9	ABV48891 1	spore wall protein	0.9993	
3	2009-03-18-07 2668 2668 2.out	752.4	0.696	0.28	1.64	291	0	IVIV6	1	ISEYIK	6	NP_149722 1	259R	0.9877	
18	2009-03-18-07 4417 4417 3.out	1080.6	0.399	0.33	1.64	201	1.099	No	1	QKSYDQRR	8	ABV48899 1	hypothetical spore wall protein	0.9923	
49	2009-03-18-07 3912 3912 2.out	1476.7	0.336	0.34	1.64	306	0	ABPV	1	INNSNKM'ATPVKEK	14	NP_066242 1	capsid protein	0.9965	
59	2009-03-18-07 3453 3453 3.out	1664.8	0.266	0.52	1.64	179	0	No	1	IVM'CEDCNRNQPVK	15	AAD12605 1	RNA polymerase II largest subunit	0.9595	
57	2009-03-18-07 4719 4719 2.out	1639.9	1.623	0.41	1.62	152	0	g	1	MLYLYVALQYALDVK	14	YP_654660 1	hypothetical protein MIV088R	0.9874	
13	2009-03-18-07 6105 6105 3.out	1054.6	1.536	0.31	1.6	340	0	IVIV6	1	QLK1YDFK	8	NP_149902 1	439L	0.9648	
29	2009-03-18-07 2953 2953 2.out	1194.6	0.739	0.44	1.59	141	0	IVIV6	1	EAM'EESKNSK	11	NP_149485 1	022L	0.9942	
62	2009-03-18-07 4002 4002 2.out	1763.1	1.237	0.41	1.57	385	0	No	1	RMFVLAVILFLTK	15	AAL2057 1	AF40785, 6 calmodulin-dependent protein kinase	0.9865	
17	2009-03-18-07 5404 5404 3.out	1077.5	0.89	0.43	1.55	118	1.609	ABPV	1	INSDGEGLSK	10	NP_066241 1	replicase polyprotein	0.9993	
21	2009-03-18-07 2485 2485 3.out	1115.6	1.606	0.48	1.55	149	0	g	1	LNLDKGQIK	10	YP_654669 1	hypothetical protein MIV097L	0.9703	
34	2009-03-18-07 1846 1846 3.out	1231.7	1.587	0.33	1.55	446	0	g	1	LM'AGTTPRKK	12	YP_654588 1	hypothetical protein MIV015R	0.9789	
24	2009-03-18-07 7234 7234 3.out	1127.6	1.493	0.37	1.51	321	0	No	1	KAFYGTGLTVK	10	ABL1615 1	beta-tubulin	0.9998	
47	2009-03-18-07 4043 4043 2.out	1468.7	0.374	0.31	1.51	351	0	IVAPV APV	2	NAGIKETMTRDFGK	13	YP_001040002 1	polymerase polyprotein	0.9758	
27	2009-03-18-07 5987 5987 3.out	1188.7	0.131	0.36	1.5	122	0.693	No	1	IVRVMEGKTLR	10	ABM26981 1	RNA polymerase II largest subunit	0.954	
50	2009-03-18-07 4059 4060 2.out	1513.1	1.634	0.39	1.5	138	0	IVIV6	1	LILIASVLLFGK	14	NP_149676 1	213R	0.9666	

Test 91

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
71	2009-03-18-08 4003 4003 2.out	1790.9	0.649	0.64	3.51	762	0	No	1	SYELPDGQVIGKIGSER	16	AAB86863 1	actin	0.9957
1	2009-03-18-08 3243 3243 2.out	700.5	0.14	0.28	2.16	369	0	No	1	VXDIK	6	ABM26977 1	RNA polymerase II largest subunit	0.954
67	2009-03-18-08 4283 4284 2.out	1648.8	0.711	0.25	2.15	282	0.693	IVIV6	1	ETTNEEVNIDEIDK	14	NP_149901 1	438L	0.9884
63	2009-03-18-08 4463 4463 3.out	1540.7	0.426	0.26	2.13	465	0	IVIV6	1	HMYESIESYLLR	12	NP_149540 1	077L	0.9749
29	2009-03-18-08 3327 3327 2.out	1071.6	0.501	0.24	2.12	459	0.693	IVIV6	1	VNQIONDKIK	9	NP_149674 1	211L	0.9665
41	2009-03-18-08 3384 3846 3846 2.out	1213.7	1.567	0.25	2.12	696	0	IVIV6	1	ELNQILDKIK	10	NP_149916 1	453L	0.9907
52	2009-03-18-08 3113 3113 2.out	1344.7	0.32	0.22	2.1	421	0	IVIV6	1	IEENENLLEEK	11	NP_149776 1	313L	0.9747
65	2009-03-18-08 4297 4297 2.out	1614.9	0.542	0.3	2.04	669	0	IVIV6	1	TILTTKVONINIEK	14	NP_149513 1	050L	0.9863
54	2009-03-18-08 3963 3963 2.out	1384.8	0.522	0.23	2.03	232	0	IVIV6	1	PFANLSSLVNLK	12	NP_149508 1	045L	0.9844
57	2009-03-18-08 3963 3963 2.out	1384.8	1.776	0.25	2.03	422	0	IVIV6	1	FVGADVLLEPII	13	NP_149910 1	447L	0.9606
8	2009-03-18-08 664 664 2.out	763.5	0.81	0.17	2	246	0	IVIV6	1	KFNKVK	6	NP_149758 1	295L	0.9601
66	2009-03-18-08 3780 3780 3.out	1630.8	1.576	0.33	1.98	355	0.693	IVIV6	1	QENMILIESHNM'LR	14	NP_149463 1	468L	0.9843
6	2009-03-18-08 1009 1009 2.out	759.5	1.389	0.13	1.97	171	0	IVIV6	1	KNKIEK	6	NP_149864 1	401R	0.9575
22	2009-03-18-08 2148 2148 2.out	892.5	0.489	0.33	1.97	434	0	IVIV6	1	ETVGVLFK	8	NP_149770 1	307L	0.9832
25	2009-03-18-08 3377 3377 2.out	978.51	0.592	0.23	1.97	324	0.693	IVIV6	1	1SMLKQMLK	8	NP_149751 1	288R	0.9891
48	2009-03-18-08 3967 3967 2.out	1268.8	1.603	0.45	1.97	447	0	IVIV6	1	IFIKFMLKTK	10	NP_149718 1	255L	0.9953
20	2009-03-18-08 2664 2664 2.out	878.5	0.13											

Test 92

Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
47	2009-03-18-09 2670 2.out	1171.6	0.413	0.37	2.63	864	0	Nosema	1	HKGVMVGGMGQK	11	AAB86863.1	actin	0.9663	
68	2009-03-18-09 4037 4037 2.out	1614.9	0.452	0.27	2.2	693	0	IV6	1	TILTTKVQNINIEK	14	NP_149513.1	050L	0.9527	
22	2009-03-18-09 2158 2158 2.out	892.5	0.599	0.32	2.11	356	0	IV6	1	ETVGVLFK	8	NP_149770.1	307L	0.9606	
59	2009-03-18-09 3493 3494 2.out	1485.9	0.601	0.39	2.07	591	0	Nosema	1	ISRLTIFPLNKR	12	AAT12296.1	chromosome segregation protein	0.9721	
8	2009-03-18-09 723 723 2.out	731.4	1.661	0.07	2.05	217	1.386	IV6	1	VKDELK	6	NP_149469.1	006L	0.9786	
55	2009-03-18-09 3962 3962 2.out	1384.8	0.125	0.32	2.02	456	0	IV6	1	FVGADVVLLEPII	13	NP_149910.1	447L	0.9603	
28	2009-03-18-09 1036 1036 2.out	938.5	1.144	0.22	1.99	379	0	IV6	1	INHHSILK	8	NP_149513.1	050L	0.9737	
24	2009-03-18-09 3278 3278 2.out	914.6	0.015	0.14	1.85	195	0	693	IV6	1	LINDLAKK	8	NP_149647.1	184R	0.9685
50	2009-03-18-09 3863 3863 2.out	1213.7	1.509	0.22	1.85	867	0	IV6	1	ELNQILDKIK	10	NP_149916.1	453L	0.9646	
70	2009-03-18-09 4106 4106 2.out	1763.1	1.224	0.47	1.83	222	0	Nosema	1	RMFVLAVILFLITK	15	AAL28057.1	AF406785.6 calmodulin-dependent protein kinase	0.9708	
71	2009-03-18-09 4447 4447 2.out	1773.1	0.524	0.45	1.83	358	0	Nosema	1	ILVGLEAKDNLLIHPK	16	BAF76326.1	heat shock protein 70	0.958	
61	2009-03-18-09 4494 4494 2.out	1492.9	0.623	0.27	1.81	219	1.792	Nosema	1	VLDNRHLSGSLK	13	BAF76326.1	heat shock protein 70	0.9777	
65	2009-03-18-09 3255 3255 2.out	1557.9	1.382	0.39	1.81	85	0	gi	1	WKLSTIQDKVVK	13	YP_654658.1	hypothetical protein MV086L	0.9777	
60	2009-03-18-09 4663 4663 2.out	1492.8	0.264	0.22	1.79	474	0	Nosema	1	AMKAMGLGTTTIGLK	15	AAF91269.1	20S proteasome alpha 5 subunit	0.9748	
30	2009-03-18-09 2738 2736 2.out	989.5	0.216	0.31	1.74	351	0	IV6	1	DKKLNESR	8	NP_149639.1	176R	0.9522	
67	2009-03-18-09 1843 1843 3.out	1607.8	1.516	0.35	1.73	195	1.099	IV6	1	NVLSM^WSQPSMRR	14	NP_149790.1	327R	0.9689	
25	2009-03-18-09 918 918 2.out	915.5	1.439	0.17	1.71	212	0	IV6	1	KAIKNAKR	8	NP_149764.1	301L	0.9597	
66	2009-03-18-09 3517 3517 2.out	1596.8	0.291	0.26	1.68	179	0	Nosema	1	EARFNEIKSEM*AR	14	BAC16534.1	elongation factor 1 alpha	0.9648	
3	2009-03-18-09 1268 1264 2.out	712.5	0.381	0.28	1.67	261	0	Nosema Nosema	5	QPVIKK	6	ABM26981.1	RNA polymerase II largest subunit	0.9801	
37	2009-03-18-09 7122 7122 3.out	1076.7	1.13	0.46	1.64	230	0	IV6	1	KHNVRPVVK	9	NP_149798.1	336L	1	
18	2009-03-18-09 1415 1415 1.out	817.4	0.043	0.36	1.63	778	0	Nosema	1	NESNLLK	7	ABE27273.1	unknown	1	
1	2009-03-18-09 7019 7019 2.out	700.5	0.557	0.25	1.61	165	0	Nosema	1	VXDIK	6	ABM26977.1	RNA polymerase II largest subunit	0.9549	
11	2009-03-18-09 7473 7473 2.out	747.4	1.553	0.3	1.61	479	0	BQCV	1	AKESKGK	7	NP_620565.1	structural polyprotein	0.9601	
31	2009-03-18-09 1756 1766 2.out	989.6	0.364	0.24	1.6	385	0	gi	1	TVCRLLER	8	YP_654695.1	hypothetical protein MV123L	0.9562	
40	2009-03-18-09 4070 4070 2.out	1122.5	0.618	0.39	1.61	150	0.693	IV6	1	SLMGNCPSVK	11	NP_149555.1	092R	0.9538	
44	2009-03-18-09 1652 1652 2.out	1142.7	0.701	0.28	1.6	144	1.386	IV6	1	KDIAISKVLR	10	NP_149485.1	022L	0.95	
58	2009-03-18-09 2858 2858 2.out	1472.8	0.442	0.32	1.57	142	0	gi	1	FIPTATVVVVDPSK	14	YP_654681.1	hypothetical protein MV109L	0.9602	
32	2009-03-18-09 3408 3408 2.out	1040.5	1.623	0.38	1.56	298	0	IV6	1	EM^M^KINDK	10	NP_149463.1	468L	0.9732	
46	2009-03-18-09 3688 3689 2.out	1160.6	0.654	0.34	1.53	296	0	KBVJKBV	2	TVENALGESK	11	NP_851403.1	non-structural polyprotein	0.9798	
56	2009-03-18-09 3501 3501 2.out	1400.7	1.386	0.26	1.52	157	0.693	IV6	1	NOQRHWOFEK	10	NP_149726.1	263L	0.9559	
34	2009-03-18-09 3348 3348 2.out	1048.5	0.476	0.31	1.51	138	1.099	VDV1	1	LDM^GTLNR	10	ACF24764.1	polyprotein	0.9693	
57	2009-03-18-09 4209 4209 2.out	1416.7	1.253	0.33	1.51	144	0.693	IV6	1	LDTLVDOONEELK	12	NP_149675.1	212L	0.9701	
20	2009-03-18-09 2239 2239 2.out	859.5	1.61	0.33	1.5	65	2.944	Nosema	1	IQAESIAK	8	AAT12295.1	phospholipase D	0.9577	
39	2009-03-18-09 3333 3333 2.out	1113.6	0.779	0.31	1.5	462	0.693	Nosema	1	ROEAQRLGR	9	AAT12293.1	DNA repair helicase RAD25	0.9551	
72	2009-03-18-09 3261 3261 3.out	1784.9	0.24	0.4	1.5	104	2.303	Nosema	1	IFENIVMGFSGISGDAK	17	AAF91269.1	20S proteasome alpha 5 subunit	0.9843	

Table 93

Sl No	File Name	(M+H) ⁺	ΔM	ICn	XCor	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP	
104	2009-03-18-10_3992_3992_2.out	1790	91	0.143	0.59	3.04	820	0	Nosama	1SYELPDGVVKIGSER	16	AAB66631	actin	0.9968	
60	2009-03-18-10_2626_2626_3.out	1171	61	0.65	0.57	2.65	1399	0	Nosama	1HKGVMMGKGK	11	AAB66631	actin	1	
27	2009-03-18-10_1599_1599_2.out	800	51	0.76	0.26	2.51	225	0	Nosama	1RDIAGR	7	AAB66631	actin	0.9831	
95	2009-03-18-10_4413_4413_2.out	1579	91	1.552	0.49	2.31	667	0	lrv6	1FLRETVGVLFKDR	13	NP_149770	307L	0.9839	
36	2009-03-18-10_2065_2065_2.out	892	51	0.538	0.13	2.17	259	0	lrv6	1ETVGVLFK	8	NP_149770	307L	0.9625	
90	2009-03-18-10_3827_3827_2.out	1514	81	0.52	0.13	2.07	426	0	Nosama	1EGAELDSVLDVVR	14	AAB12036	beta-tubulin	0.9962	
96	2009-03-18-10_4259_4259_2.out	1514	91	0.321	0.34	2.06	393	0	lrv6	1ILTTPKVQHINIEK	14	NP_149513	505L	0.9868	
62	2009-03-18-10_4012_4012_2.out	1205	71	0.915	0.31	2.04	271	0	693	1VDSVSTQ2TKVVK	11	NP_149655	192R	0.9744	
97	2009-03-18-10_4298_4298_2.out	1648	81	0.479	0.41	2.03	444	0	lrv6	1ETTMEVNIDEIDK	14	NP_149901	438L	0.9879	
20	2009-03-18-10_1069_1070_2.out	773	51	0.277	0.07	21	188	0	lrv6	1KLDELR	6	NP_149595	232R	0.9924	
99	2009-03-18-10_4415_4415_2.out	1700	1	342	0.36	3	256	0	Nosama	1LMITEOKKNEILK	14	ABE27271	1	unknown	0.9924
7	2009-03-18-10_2220_2220_2.out	743	51	1.595	0.26	1.99	238	0	lrv6	1QVKIK	6	NP_149486	923L	0.9931	
21	2009-03-18-10_1231_1231_2.out	774	41	0.262	0.11	1.97	351	0	lrv6	1ELKDNR	6	NP_149851	388R	0.9978	
83	2009-03-18-10_3516_3516_2.out	1459	81	1.635	0.45	1.97	417	0	lrv6	1MPPHYVVKSPMR	13	NP_149567	104L	0.9963	
105	2009-03-18-10_4474_4474_2.out	1831	81	1.809	0.39	1.97	214	0	Nosama	1RMVHVSQDFPDEAER	16	AAC7660	mitochondrial-type HSP70	0.9572	
5	2009-03-18-10_4298_4298_2.out	731	41	1.734	0.11	1.95	264	1	1386	1VKDELR	6	NP_149469	006L	0.9978	
85	2009-03-18-10_3298_3298_2.out	1475	61	0.74	0.17	1.95	434	1	1099	1EMINTCSSLGYLTR	13	NP_149930	467R	0.9895	
11	2009-03-18-10_4451_4451_2.out	761	41	0.237	0.14	1.94	346	0	lrv6	1EIQLMK	6	NP_149726	260R	0.9864	
54	2009-03-18-10_4651_4651_3.out	1070	71	1.485	0.36	1.93	175	1	1099	1ILSORLNVK	5	NP_149548	005L	1	
87	2009-03-18-10_4475_4475_2.out	1492	91	0.908	0.24	1.93	220	1	1386	1VLDIHLGSIKLK	13	BAF76326	heat shock protein 70	0.9779	
94	2009-03-18-10_3265_3265_2.out	1557	91	1.422	0.44	1.93	108	0	693	1WKV1SQDQVVK	13	YP_654658	hypothetical protein MIV085L	0.9947	
30	2009-03-18-10_3516_3516_2.out	958	51	0.463	0.1	1.92	314	0	lrv6	1ELKDLK	7	NP_149920	457L	0.9942	
46	2009-03-18-10_2761_2781_2.out	985	81	0.073	0.33	1.91	452	0	lrv6	1DKKLNESR	8	NP_149539	176R	0.9981	
26	2009-03-18-10_505_3405_3405_2.out	791	41	0.451	0.29	1.9	226	1	1946	1ESKDNAK	7	ABE27271	1	unknown	0.9743
45	2009-03-18-10_3170_3170_2.out	957	61	0.402	0.15	1.87	804	0	Nosama	1EINLVLK	8	ABE27271	1	unknown	0.9966
77	2009-03-18-10_3890_3890_2.out	1377	71	0.394	0.18	1.87	146	0	lrv6	1ENVNNSVGRQTMK	12	NP_149530	007R	0.9693	
28	2009-03-18-10_3095_3095_2.out	801	51	1.499	0.15	1.84	630	0	BQCV	1LDLVVX	7	NP_620564	nonstructural polyprotein	0.9533	
31	2009-03-18-10_3091_3091_2.out	869	51	0.139	0.14	1.84	208	0	lrv6	1KTELEK	7	NP_149914	451L	0.9917	
86	2009-03-18-10_4406_4406_2.out	1510	81	1.37	0.24	1.83	233	0	lrv6	1LTMNARASRFDK	13	NP_149923	460R	0.9935	
100	2009-03-18-10_858_858_3.out	1715	91	1.769	0.49	1.83	247	0	lrv6	1VNENLYLQNLQNGIR	15	NP_149586	123R	0.9888	
55	2009-03-18-10_3405_3405_2.out	1071	61	0.141	0.32	1.78	417	0	693	1GKVEIFHNIK	9	NP_149917	454R	0.9764	
52	2009-03-18-10_2655_2655_2.out	1034	51	1.78	0.31	1.77	233	0	Nosama	1KMEEEVRAR	9	AAC7660	mitochondrial-type HSP70	0.9514	
92	2009-03-18-10_3601_3601_2.out	1533	81	0.566	0.22	1.77	347	0	693	1PVVYSTRDGAEVLK	14	YP_654588	hypothetical protein MIV016R	0.9952	
9	2009-03-18-10_2071_2071_2.out	746	41	0.808	0.2	1.76	253	0	Nosama	1KSALCPK	7	AAI12292	1	hypothetical protein	0.968
29	2009-03-18-10_1191_1191_2.out	802	51	0.482	0.17	1.76	257	0	Nosama	1KSLDVLK	7	ABO9715	1	unknown	0.9935
106	2009-03-18-10_4005_4005_2.out	1843	151	0.3	1.74	56	1	1099	1RSOPFELKVGPITLEK	16	NP_149758	295L	0.9652		
70	2009-03-18-10_4231_4231_2.out	1285	71	1.086	0.47	1.71	958	0	lrv6	1EAQIEKGNR	11	NP_149512	149L	0.9972	
33	2009-03-18-10_2271_2271_2.out	9675	71	1.163	0.23	1.7	286	0	693	1KLHOKVVK	7	NP_149750	287R	0.9857	
69	2009-03-18-10_4013_4013_2.out	1270	81	0.152	0.24	1.7	250	0	693	1NINITYKEVLK	11	ABV48897	1	hypothetical spore wall protein	0.9978
78	2009-03-18-10_3478_3478_2.out	1400	71	1.388	0.23	1.69	88	1	1609	1NQHRYMOPFK	10	NP_149726	26L	0.9898	
36	2009-03-18-10_3227_3227_2.out	915	61	1.474	0.2	1.68	217	0	693	1DLEGKIK	8	NP_149548	005L	0.9965	
101	2009-03-18-10_1844_1844_2.out	1746	81	0.637	0.31	1.67	256	0	lrv6	1NQCEKETIYSDNFR	14	NP_149506	037L	0.9901	
77	2009-03-18-10_1060_1060_2.out	901	51	0.501	0.27	1.66	141	2	2303	1ERDKLK	7	ABP26652	polypeptide	0.9764	
56	2009-03-18-10_1828_1828_3.out	1075	61	0.07	0.36	1.66	112	2	2079	1KDSNLNEK	9	ABV48896	hypothetical spore wall protein	0.9955	
102	2009-03-18-10_4069_4069_2.out	1763	11	1.156	0.4	1.66	487	0	Nosama	1RMFVLAVLVLFLITK	15	AAL2857	AF-106785 6 calmodulin-dependent protein kinase	1	
12	2009-03-18-10_727_727_2.out	763	51	0.44	0.17	1.65	230	0	lrv6	1KPNKVK	6	NP_149758	295L	0.9976	
15	2009-03-18-10_1012_1012_2.out	768	41	0.84	0.2	1.65	74	1	1099	1EIYTDK	6	ABD69726	1	unknown	0.9952
76	2009-03-18-10_3227_3227_2.out	1374	71	1.456	0.29	1.65	71	0	693	1SQSERERLEIK	11	AAI12296	chromosome segregation protein	0.9974	
14	2009-03-18-10_1491_1491_2.out	767	41	0.209	0.26	1.63	234	0	lrv6	1YTQDK	6	NP_149201	457L	0.9603	
44	2009-03-18-10_4004_4004_2.out	956	41	1.146	0.24	1.62	172	0	Nosama	1IFEMDACK	8	AAI12605	RNA polymerase II largest subunit	0.9651	
2	2009-03-18-10_3320_3320_2.out	700	51	0.082	0.29	1.61	375	0	Nosama	1VXDIK	6	ABM26377	RNA polymerase II largest subunit	0.99	
57	2009-03-18-10_4036_4036_2.out	1122	51	0.638	0.26	1.61	157	0	lrv6	1SLMGNCPPSVK	11	NP_149555	092R	0.9895	
19	2009-03-18-10_1884_1884_2.out	771	51	1.424	0.29	1.6	539	1	1099	1RIELK	6	ABE27266	1	unknown	0.9969
41	2009-03-18-10_3323_3323_2.out	921	61	1.320	0.25	1.6	186	0	lrv6	1SLRSFAIK	8	NP_149767	304R	0.9639	
80	2009-03-18-10_3151_3151_2.out	1413	91	0.675	0.29	1.6	286	1	1609	1EVLKQKNSLLSK	12	ABV48897	1	hypothetical spore wall protein	0.9945
10	2009-03-18-10_6670_6670_2.out	747	41	1.634	0.32	1.59	110	1	1386	1LMEESR	6	NP_149642	179R	0.9731	
73	2009-03-18-10_3070_3070_2.out	1323	51	1.312	0.24	1.59	107	0	Nosama	1EDDESEKNDDK	11	ABV48893	1	hypothetical spore wall protein	0.9977
32	2009-03-18-10_1101_1101_2.out	865	41	1.257	0.2	1.58	256	0	g	1QEDAFK	7	YP_654678	hypothetical protein MIV06R	0.9975	
71	2009-03-18-10_3949_3949_2.out	1288	71	1.024	0.27	1.57	156	0	lrv6	1WVMTMAHRK	11	NP_149482	019R	0.9972	
103	2009-03-18-10_3800_3800_2.out	1769	81	1.021	0.33	1.57	432	0	lrv6	1FEASEMWSYVYKSNK	14	NP_149902	439L	0.9902	
24	2009-03-18-10_3447_3447_2.out	779	41	1.67	0.31	1.55	413	0	lrv6	1NSLHKK	7	NP_149869	406R	0.9874	
74	2009-03-18-10_3944_3944_2.out	1321	81	1.598	0.26	1.55	377	1	1099	1LILILKMHKIK	11	NP_149877	414L	0.9975	
42	2009-03-18-10_826_826_2.out	922	41	0.493	0.26	1.54	224	0	lrv6	1DREMVK	7	NP_149469	006L	0.9929	
98	2009-03-18-10_7103_7103_2.out	1696	91	1.396	0.61	1.54	219	0	ABPV ABPV ABPV ABPV	4 VANGRIPV GEMAK	16	NP_066242	capsid protein	0.9645	
23	2009-03-18-10_4747_4747_2.out	777	41	0.328	0.23	1.52	201	0	lrv6	1IVESSDK	7	NP_149795	332L	0.9924	
93	2009-03-18-10_3874_3874_2.out	1542	71	0.528	0.3	1.52	116	0	DVWV DWV DWV DWV Kakugp VDV VDV1	7 TDLME MGSNPY R	14	NP_853560	polyprotein	0.9928	
39	2009-03-18-10_2805_2805_2.out	916	41	0.267	0.39	1.5	238	1	1099	1ABPV ABPV ABPV ABPV ABPV ABPV ABPV ABPV KVB	18 RATM*CYR	8	AAK58199	structural protein	1
40	2009-03-18-10_1833_1833_2.out	921	51	0.502	0.29	1.5	217	0	lrv6	1NSFMPVVK	8	NP_149647	184R	0.99	
86	2009-03-18-10_3910_3910_2.out	1476	71	0.616	0.33	1.5									

Test 94

Sr No	File Name	[M+H] ⁺	ΔM	Δn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
137	2009-03-18-11 3984 3982 2 out	1790.9	0.58	0.61	3.23	727	0	Nosama	1	SYELPDGQVIKIGSER	16	AAB86863 1	actin	1
113	2009-03-18-11 3321 3321 2 out	1515.7	0.65	0.63	3.14	933	0	Nosama	1	WHHFTYNEIHLR	11	AAB86863 1	actin	0.9949
76	2009-03-18-11 2647 2647 2 out	1171.6	0.522	0.44	3.09	752	0	Nosama	1	HKGVMVGMGQK	11	AAB86863 1	actin	0.9551
125	2009-03-18-11 4323 4323 2 out	1614.9	1.57	0.46	2.62	736	0	IV6	1	TLTTKVNINIEK	14	NP 149513 1	OS0L	0.9831
15	2009-03-18-11 790 790 2 out	760.4	0	0.502	2.43	267	0	IV6	1	ELKNEK	6	NP 149921 1	458R	0.9838
68	2009-03-18-11 3550 3550 2 out	1132.6	1.619	0.46	2.35	366	0	g	1	RGQMKNEGGR	10	YP 654692 1	hypothetical protein MIV120R	0.9721
123	2009-03-18-11 3349 3349 2 out	1592.8	0.499	0.33	2.22	249	1.386	IV6	1	NYPTQDEMKLK	13	NP 149675 1	212L	0.9903
94	2009-03-18-11 3051 3051 2 out	1334.6	0.837	0.12	2.15	423	0.693	IV6	1	VMDIQENIENDK	12	NP 149694 1	235L	0.9763
93	2009-03-18-11 3781 3781 2 out	1320.7	1.579	0.36	2.14	238	1.099	IV6	1	VOFNDTNLKNK	11	NP 149851 1	389L	0.9627
110	2009-03-18-11 4269 4269 2 out	1498.8	0.665	0.23	2.11	653	0	IV6	1	EIFICYREGIKK	12	NP 149500 1	037L	0.9706
22	2009-03-18-11 1327 1327 2 out	774.4	0.738	0.08	2.06	337	0	IV6	1	ELKDNR	6	NP 149851 1	388R	0.9607
12	2009-03-18-11 1441 1441 2 out	744.5	0.644	0.08	2.03	496	0	Nosama	1	KLIENK	6	AAB62548 1	glutaminy-tRNA synthetase	0.976
39	2009-03-18-11 2313 2313 2 out	859.5	1.256	0.09	2.03	607	0.693	IV6	1	QLKTEK	7	NP 149821 1	358L	0.9706
42	2009-03-18-11 2036 2036 2 out	892.5	0.741	0.26	2.02	437	0	IV6	1	ETVGVLFK	8	NP 149770 1	307L	0.9978
128	2009-03-18-11 4275 4275 2 out	1648.8	0.812	0.29	2	456	0.693	IV6	1	ETTNEEVEENIDEIDK	14	NP 149901 1	438L	0.9855
28	2009-03-18-11 3031 3031 2 out	801.5	0.671	0.23	1.97	606	0	BQCV	1	DLDLVVK	7	NP 620564 1	nonstructural polyprotein	0.9646
82	2009-03-18-11 3736 3736 2 out	1213.7	1.845	0.17	1.96	271	0	IV6	1	ELENLENIIKK	10	NP 149748 1	285L	0.9593
30	2009-03-18-11 503 503 2 out	814.4	0.649	0.27	1.93	462	0	IV6	1	ENFYNK	6	NP 149750 1	287R	0.9528
61	2009-03-18-11 3374 3374 2 out	1071.6	0.56	0.27	1.93	518	0	IV6	1	IGKVEIFHNK	9	NP 149917 1	454R	1
88	2009-03-18-11 4270 4270 2 out	1285.7	0.311	0.39	1.91	1158	0	IV6	1	EAQKIEKIGR	11	NP 149612 1	149L	0.9938
26	2009-03-18-11 1045 1045 2 out	792.5	0.043	0.16	1.9	546	1.099	Nosama	1	EFKLKK	6	AAS16360 1	translation elongation factor 1 alpha	0.9869
38	2009-03-18-11 2666 2666 2 out	857.6	1.675	0.31	1.9	200	2.773	IV6	1	KTVIKR	7	NP 149733 1	270R	0.9892
106	2009-03-18-11 3499 3499 2 out	1458.9	1.497	0.34	1.9	437	0	IV6	1	M*PHYVVKSPMR	13	NP 149567 1	104L	0.9523
126	2009-03-18-11 4191 4191 2 out	1627.9	1.698	0.24	1.9	198	0	IV6	1	EEWINLANVFHKH	13	NP 149804 1	341R	0.9748
32	2009-03-18-11 531 531 2 out	816.5	0.353	0.24	1.89	297	2.303	DWV1DWV1DWV1Kakugo	4	QIRMLR	6	NP 853560 2	polyprotein	0.9713
65	2009-03-18-11 4018 4018 2 out	1102.7	0.518	0.15	1.88	456	0	Nosama	1	PLPKSILYR	9	AB069724 1	unknown	0.9722
41	2009-03-18-11 3672 3672 2 out	880.5	1.591	0.42	1.87	281	0.693	IV6	1	INFVKMNK	7	NP 149902 1	439L	0.9887
55	2009-03-18-11 2790 2790 2 out	898.5	0.001	0.34	1.87	346	0.693	IV6	1	DKKLNESR	8	NP 149639 1	176R	0.985
100	2009-03-18-11 3877 3877 2 out	1377.7	1.739	0.35	1.87	105	0	IV6	1	NENNSVGRQTQMK	12	NP 149530 1	067R	0.9941
84	2009-03-18-11 3633 3633 2 out	1243.7	0.477	0.2	1.85	192	1.386	IV6	1	LNQSMLLAUK	11	NP 149883 1	420R	0.9821
105	2009-03-18-11 3919 3919 2 out	1458.7	1.595	0.36	1.85	277	0	g	1	VSTHITEDLNOPK	13	YP 654647 1	hypothetical protein MIV075R	0.9918
127	2009-03-18-11 3339 3339 2 out	1631.8	0.604	0.28	1.85	157	1.099	IV6	1	IDADLOGNGM*VEIIK	16	NP 149618 1	155L	0.9855
111	2009-03-18-11 3301 3301 2 out	1510.8	1.742	0.39	1.84	106	1.099	IV6	1	LKTMNARISRFK	13	NP 149923 1	460R	0.9867
52	2009-03-18-11 1947 1947 2 out	958.6	0.503	0.2	1.83	409	0	Nosama	1	EAETRLKK	8	BAF76326 1	heat shock protein 70	0.9861
138	2009-03-18-11 4430 4430 2 out	1947.8	1.832	0.51	1.83	152	0	Nosama	1	FNEQCGREMTEVLMMSK	17	ABV48900 1	hypothetical spore wall protein	0.9959
109	2009-03-18-11 3464 3464 2 out	1485.9	0.33	0.42	1.83	509	0	Nosama	1	ISRRLTIPLNR	12	AAT12296 1	chromosome segregation protein	0.991
44	2009-03-18-11 3487 3487 2 out	911.5	1.667	0.19	1.81	241	0	IV6	1	ILDLYFKL	7	NP 149648 1	185L	0.9968
56	2009-03-18-11 1655 1655 2 out	886.6	0.016	0.17	1.8	628	0	g	1	TVCRLLER	8	YP 654645 1	hypothetical protein MIV123L	0.9811
90	2009-03-18-11 3190 3190 2 out	1296.7	1.019	0.16	1.8	246	0	Nosama	1	EEMLFCKRLK	10	ABE22767 1	unknown	0.986
108	2009-03-18-11 2635 2635 2 out	1475.7	0.568	0.47	1.8	98	0	Nosama	1	AAELASENDITWR	13	ABE26655 1	pol polyprotein	0.9937
122	2009-03-18-11 4317 4317 2 out	1589.9	0.767	0.22	1.8	172	0.693	g	1	IGEKTGFGEIENPR	14	YP 654697 1	hypothetical protein MIV125R	0.9921
36	2009-03-18-11 949 949 2 out	841.4	0.831	0.37	1.79	140	0	Nosama Nosama Nosama No	5	QONADHEK	7	AAZ23550 1	alpha-tubulin	0.9761
21	2009-03-18-11 1437 1437 2 out	773.5	1.659	0.18	1.75	331	0.693	IV6	1	IQKVTGK	7	NP 149851 1	396L	0.9533
135	2009-03-18-11 3530 3530 2 out	1760.5	0.518	0.19	1.75	354	0	g	1	DSVQSLKQLDELKR	15	YP 654621 1	hypothetical protein MIV049R	0.9821
25	2009-03-18-11 1062 1062 2 out	784.5	0.31	0.22	1.74	240	0	IV6	2	QVRLRL	6	YP 145791 1	polyprotein	0.9814
14	2009-03-18-11 2433 2433 2 out	759.4	0.146	0.15	1.73	325	0	Nosama	1	LAVNN*VP	8	AAB12038 1	beta-tubulin	0.9868
20	2009-03-18-11 1955 1955 2 out	772.5	1.588	0.24	1.73	212	1.386	Nosama	1	KAPTDIK	7	ABE26648 1	pol polyprotein	0.9966
33	2009-03-18-11 1210 1210 2 out	822.5	0.309	0.16	1.73	521	0	IV6	1	KLPISHLK	7	NP 149590 1	127L	0.9947
50	2009-03-18-11 1180 1180 2 out	946.5	1.006	0.28	1.73	139	1.792	IV6	1	RNDSTLKK	8	NP 149754 1	295L	0.9748
130	2009-03-18-11 4305 4305 2 out	1712.7	0.637	0.24	1.73	121	1.946	IV6	1	ENDETEYDEOSIK	14	NP 149642 1	179R	0.9934
98	2009-03-18-11 3602 3602 2 out	1370.8	0.88	0.22	1.72	397	0	Nosama	1	NAFGEHKITLK	12	ABE26649 1	pol polyprotein	0.9896
63	2009-03-18-11 2996 2996 2 out	1085.6	1.686	0.21	1.7	189	0	IV6	1	ELENLENIIK	9	NP 149748 1	285L	0.9901
120	2009-03-18-11 4009 4009 2 out	1560.9	1.248	0.31	1.69	312	0	IV6	1	QYIDQILKELGK	13	NP 149771 1	253L	0.9965
103	2009-03-18-11 5434 5434 3 out	1402.8	0.95	0.41	1.68	353	0	Nosama	1	AHHKHDLSLRGR	12	ABE26653 1	pol polyprotein	1
4	2009-03-18-11 1286 1286 2 out	712.5	0.345	0.22	1.67	147	1.946	Nosama Nosama Nosama No	5	QVPIKK	6	ABM26981 1	RNA polymerase II largest subunit	0.9956
8	2009-03-18-11 1130 1130 2 out	725.3	0.593	0.13	1.67	281	0	Nosama	1	QFSDTO	6	AAL28057 1	AF406785-6 calmodulin-dependent protein kinase	0.9849
48	2009-03-18-11 1056 1056 2 out	940.6	1.888	0.03	1.67	356	0	IV6	1	RWQLPK	7	NP 149778 1	315L	0.9881
102	2009-03-18-11 3685 3685 2 out	1392.8	0.431	0.21	1.67	637	0	Nosama	1	SLSLM*KANMILDK	13	ABV48894 1	hypothetical spore wall protein	0.9955
3	2009-03-18-11 2360 2360 2 out	704.4	0.644	0.22	1.66	334	0	IV6	1	QVONTK	6	NP 149618 1	155L	0.9535
53	2009-03-18-11 2130 2130 2 out	979.5	0.537	0.22	1.66	344	0.693	IV6	1	M*SLEEKVK	9	NP 149578 1	115R	0.9655
72	2009-03-18-11 3070 3070 2 out	1140.7	0.423	0.22	1.66	456	0	Nosama	1	LLDVKAQLK	10	ABE26648 1	pol polyprotein	0.9813
136	2009-03-18-11 4072 4072 2 out	1763.1	0.232	0.4	1.66	288	0	Nosama	1	RMFVLAVLVLFLTK	15	AAL28057 1	AF406785-6 calmodulin-dependent protein kinase	0.9922
80	2009-03-18-11 4252 4252 2 out	1199.7	0.344	0.39	1.65	568	0	IV6	1	QAQDINAKKALK	11	NP 149701 1	238R	1
49	2009-03-18-11 2844 2844 2 out	943.5	0.967	0.36	1.64	293	0	IV6	1	IILDDNLK	8	NP 149769 1	306R	0.9864
62	2009-03-18-11 3682 3682 2 out	1081.5	0.542	0.38	1.64	185	1.099	DWV1DWV1DWV1DWV1Kakugo	5	LFWCQKEK	8	NP 853560 2	polyprotein	0.9924
2	2009-03-18-11 3354 3354 2 out	700.5	0.389	0.25	1.63	382	0	Nosama	1	VXDIK	6	ABM26971 1	RNA polymerase II largest subunit	0.9779
23	2009-03-18-11 6675 6675 2 out	775.5	1.374	0.24	1.63	212	0.693	IV6	1	EVSSLK	7	NP 149765 1	302L	0.9929</td

Test 95	Si No	File Name	(M+H) ⁺	ΔM	Δn	XCor	Sg	RSp	Referencia	No	Peptide	AA	ID#	Prote-n	PP
158	2009-03-18-12 4049 4049 2 out	1790	0	0.524	0.59	3.33	722	0	NoIsosoma	1	SYELPDGQVJKUGSER	16	AAB068663 1	actin	0.9982
88	2009-03-18-12 2552 2552 2 out	1171	6	0.19	0.39	2.58	558	0	NoIsosoma	1	HKGVMVGMGQK	11	AAB068663 1	actin	0.9963
54	2009-03-18-12 2258 2258 2 out	892	5	0.561	0.36	2.42	431	0	IVIV	1	ETVGVLFLK	8	NP_149770 1	307L	0.965
104	2009-03-18-12 3826 3826 2 out	1320	7	1.782	0.26	2.42	220	1609	IVIV	1	YQFDNTNLKNIK	11	NP_149652 1	389L	0.9666
107	2009-03-18-12 3059 3059 2 out	1344	7	1.63	0.26	2.39	349	0	IVIV	1	IENENINNEEIK	11	NP_149776 1	313L	0.9945
23	2009-03-18-12 442 442 2 out	761	4	0.07	0.11	2.38	324	0	693IVIV	1	EIQLMK	6	NP_149723 1	260R	0.9624
22	2009-03-18-12 770 770 2 out	760	4	0.803	0	2.29	204	1099	IVIV	1	EIKNEK	6	NP_149701 1	238R	0.982
140	2009-03-18-12 4462 4462 2 out	1546	8	0.516	0.21	2.25	261	631	IVIV	1	YLQITINEKEAPK	13	NP_149642 1	179R	0.989
30	2009-03-18-12 1013 1013 2 out	792	5	0.845	0.18	2.21	573	633	NoIsosoma	1	EFKLUK	6	AAS16360 1	translation elongation factor 1 alpha	0.9601
119	2009-03-18-12 2915 2915 2 out	1447	8	0.332	0.37	2.17	324	693	IVIV	1	RFSGVTDVNVK	13	NP_149699 1	236L	0.9979
143	2009-03-18-12 4467 4467 2 out	1579	9	1.54	0.48	2.17	657	0	IVIV	1	FLRETVGVLFKDR	13	NP_149770 1	307L	0.9958
108	2009-03-18-12 2978 2978 2 out	1345	7	1.622	0.19	2.16	234	1659	NoIsosoma	1	NTCVNGVLASOK	13	AAC1564 1	isoleucyl-tRNA synthetase	0.9981
144	2009-03-18-12 3356 3356 2 out	1592	8	0.444	0.38	2.16	303	693	IVIV	1	NPYTTQDEMKLLK	13	NP_149675 1	212L	0.952
31	2009-03-18-12 747 747 2 out	802	5	1.69	0.1	2.12	133	693IVIV	IVIVPAVIVAPVIVAPV	3	KAMALAR	7	AAL05919 1	capsid polyprotein	0.9833
146	2009-03-18-12 3886 3886 2 out	1607	9	0.958	0.34	2.1	195	0	IVIV	1	LYEAGALNKRVMOK	14	NP_149612 1	14%	0.9589
57	2009-03-18-12 1062 1062 2 out	901	5	0.522	0.07	2.09	207	0	NoIsosoma	1	ERDOLKIK	7	ABE26652 1	pol polyprotein	0.9634
128	2009-03-18-12 4551 4551 2 out	1494	8	1.94	0.28	2.09	324	0	IVIV	1	MESIISSPKTELK	14	NP_149665 1	202L	0.9803
147	2009-03-18-12 4124 4124 2 out	1614	9	0.197	0.36	2.09	662	0	IVIV	1	TILTQVQHNMIEK	14	NP_149513 1	050L	0.9616
153	2009-03-18-12 4496 4496 2 out	1700	1	2.26	0.49	2.01	391	0	NoIsosoma	1	LNITEQKQHKEIL	14	ABE27271 1	unknown	0.9775
159	2009-03-18-12 4427 4427 2 out	1796	9	1.673	0.19	2.01	414	0	IVIV	1	EKSIQDLMYEVESEK	15	NP_149485 1	222L	0.9789
65	2009-03-18-12 1889 1889 2 out	974	6	0.811	0.29	1.99	319	0	693IVIV	1	GEEKASLIK	9	NP_149926 1	463L	0.9508
155	2009-03-18-12 637 637 2 out	744	5	0.639	0.07	1.98	375	0	NoIsosoma	1	KLIENK	6	AAB16254 1	glutamyl-tRNA synthetase	0.9705
161	2009-03-18-12 476 476 2 out	1859	5	0.508	0.41	1.97	197	0	DWIVDWIVDWIVDWIV	6	M7SGDSQIEIDLLNPLR	18	NP_853562 0	polyprotein	0.9553
13	2009-03-18-12 614 614 2 out	734	1	1.683	0.17	1.95	185	1564	IVIV	1	VIKDELK	6	NP_149469 1	006L	0.9998
154	2009-03-18-12 4396 4396 2 out	1712	1	0.165	0.31	1.94	180	1609	IVIV	1	EMEDETEYDEQSIK	14	NP_149642 1	179R	0.9646
61	2009-03-18-12 954 954 2 out	940	6	1.955	0.19	1.93	497	0	IVIV	1	RWVQLPK	7	NP_149778 1	315L	0.9611
64	2009-03-18-12 2763 2763 2 out	973	5	0.729	0.14	1.93	353	1099	NoIsosoma	1	IINNDLKLK	8	ABE26653 1	pol polyprotein	0.9831
94	2009-03-18-12 3887 3887 2 out	1213	7	1.543	0.16	1.93	503	1099	IVIV	1	ELNQILDKIK	10	NP_149916 1	453L	0.9951
127	2009-03-18-12 4504 4504 2 out	1492	9	0.587	0.26	1.93	282	693	NoIsosoma	1	VLDNRHLGSKILK	13	BAE76326 1	heat shock protein 70	0.9929
133	2009-03-18-12 3666 3666 2 out	1523	9	1.342	0.19	1.93	423	0	NoIsosoma	1	ISPLINNETLAVIK	14	ABE27267 1	unknown	0.9702
63	2009-03-18-12 1879 1879 2 out	956	6	0.566	0.19	1.91	479	0	NoIsosoma	1	EATRILKK	8	ABE76526 1	heat shock protein 70	0.9699
122	2009-03-18-12 3522 3522 2 out	1459	8	0.177	0.42	1.9	400	0	IVIV	1	M'PVYVVKSPMR	13	NP_149657 1	104L	0.9696
62	2009-03-18-12 2786 2786 2 out	943	5	1.676	0.16	1.89	269	693	IVIV	1	IUDUNLKK	8	NP_149769 1	306R	0.9829
80	2009-03-18-12 4086 4086 2 out	1102	7	1.042	0.47	1.88	541	0	NoIsosoma	1	PLKSIILYR	9	AAB069724 1	unknown	0.9971
91	2009-03-18-12 3221 3221 2 out	1199	7	0.763	0.27	1.88	444	0	IVIV	1	KVYJQNKDK	10	NP_149674 1	211L	0.996
96	2009-03-18-12 4173 4173 2 out	1266	6	0.614	0.25	1.88	461	0	IVIV	1	DKMQVYVEDK	10	NP_149676 1	213R	0.9638
14	2009-03-18-12 435 435 2 out	733	4	0.038	0.14	1.87	255	693	IVIVIV	2	QTKGK	6	NP_149897 1	434L	0.9958
46	2009-03-18-12 1349 1349 2 out	858	5	0.508	0.15	1.87	212	0	IVIV	1	ELKDLKK	7	NP_149920 1	457L	0.9736
118	2009-03-18-12 4607 4607 2 out	1438	8	1.802	0.23	1.87	197	239	IVIV	1	LDQKVTECYLK	12	NP_149745 1	012L	0.9956
126	2009-03-18-12 3561 3561 2 out	1485	9	0.544	0.33	1.86	325	0	NoIsosoma	1	ISRLTHIPLNR	12	AAT22926 1	chromosome segregation protein	0.9944
77	2009-03-18-12 3372 3372 2 out	107	6	0.595	0.28	1.84	738	0	IVIV	1	GKVEFHNIK	9	NP_149917 1	454R	0.9946
130	2009-03-18-12 4161 4161 2 out	1513	6	0.622	0.26	1.84	251	0	IVIV	1	LILASVLLSPVFK	14	NP_149676 1	213R	0.9974
139	2009-03-18-12 4266 4266 2 out	1524	9	1.04	0.31	1.84	1039	0	IVIV	1	SLGVNEQLVKNPK	10	NP_149659 1	396L	0.996
67	2009-03-18-12 2702 2702 2 out	985	9	0.107	0.26	1.83	264	2303	IVIV	1	DKKLNESV	8	NP_149639 1	176R	0.9948
72	2009-03-18-12 2786 2786 2 out	1014	6	0.148	0.18	1.83	165	693	NoIsosoma	1	EVGVLVKK	9	ABE26653 1	pol polyprotein	0.9930
132	2009-03-18-12 3966 3966 2 out	982	6	0.61	0.2	1.83	174	292	IVIV	1	FIPFNVDTNDVVK	13	NP_149571 1	134L	0.9777
66	2009-03-18-12 1407 1407 2 out	976	5	0.254	0.26	1.79	275	693	NoIsosoma	1	KVSRFGER	8	ABE26655 1	pol polyprotein	0.9726
136	2009-03-18-12 3602 3602 2 out	1533	8	0.671	0.24	1.79	279	693	IVIV	1	PVYVSTRDGAEVLK	14	YP_654588 1	hypothetical protein MIV16R	0.9935
39	2009-03-18-12 1209 1209 2 out	828	5	0.569	0.17	1.78	276	0	NoIsosoma	1	ELGGLLAR	8	AAG91616 1	unknown	0.9952
27	2009-03-18-12 251 251 2 out	722	3	0.919	0.41	1.8	328	0	IVIV	1	KLDELK	6	NP_149695 1	232R	0.9867
58	2009-03-18-12 2529 2529 2 out	92	6	1.584	0.16	1.8	230	693	IVIV	1	SLRSFAK	8	NP_149761 1	304R	0.9804
139	2009-03-18-12 3918 3918 2 out	1542	7	0.39	0.49	1.8	114	693	DWIVDWIVDWIV	1	TULMEM'GSNPYR	14	NP_853560 2	polyprotein	0.9766
16	2009-03-18-12 687 687 2 out	746	4	1.536	0.15	1.79	220	1099	IVIV	1	EDVKKK	6	NP_149832 1	369L	0.9804
55	2009-03-18-12 2483 2483 2 out	892	6	0.61	0.2	1.79	209	2079	NoIsosoma	1	IVLRYTK	7	AAC1564 1	isoleucyl-tRNA synthetase	0.9944
66	2009-03-18-12 1407 1407 2 out	976	5	0.254	0.26	1.79	275	693	NoIsosoma	1	KVSRFGER	8	ABE26655 1	pol polyprotein	0.9726
167	2009-03-18-12 4559 4559 2 out	2417	2	0.683	0.21	1.73	182	0	IVIV	1	VEDSENSLFRVTVITANFFK	21	NP_149759 1	1	0.9952
26	2009-03-18-12 1612 1612 2 out	775	5	1.413	0.22	1.73	577	0	NoIsosoma	1	IILFLLK	6	ABE27266 1	unknown	0.9559
36	2009-03-18-12 1054 1054 2 out	816	5	0.064	0.16	1.72	325	0	DWIVDWIV	4	QRMRL	6	NP_853562 0	polyprotein	0.9771
43	2009-03-18-12 3322 3322 2 out	850	4	0.67	0.2	1.72	464	1099	IVIV	1	QVM'DITK	8	NP_149858 1	395R	0.9834
82	2009-03-18-12 3956 3956 2 out	1134	6	1.629	0.2	1.72	304	0	IVIVPAVIV	2	VQKNNPSGYK	10	YP_00104000 1	structural polyprotein	0.9713
33	2009-03-18-12 2281 2281 2 out	804	5	0.362	0.33	1.71	391	0	IVIV	1	KVIFGILK	7	NP_149508 1	045L	0.9977
12	2009-03-18-12 1433 1434 2 out	730	4	0.392	0.16	1.74	194	693	IVIV	1	QIDNLK	6	NP_149523 1	460R	0.9926
24	2009-03-18-12 3336 3336 2 out	764	4	0.477	0.34	1.79	296	0	IVIV	1	NANFATK	7	NP_149829 1	366R	0.9614
59	2009-03-18-12 3140 3140 2 out	930	5	0.44	0.3	1.77	405	0	IVIV	1	EADILEK	8	NP_149624 1	161L	0.9853
69	2009-03-18-12 3434 3434 2 out	992	7	0.071	0.38	1.69	140	1792	IVIV	1	IIIVAVRKK	8	YP_654658 1	hypothetical protein MIV123L	0.9947
73	2009-03-18-12 1754 1754 2 out	1042	6	0.836	0.31	1.69	348	0	IVIVIV	3	EAQDILGK	10	NP_049374 1	polyprotein	0.9947
162	2009-03-18-12 4591 4591 2 out	1987	4	0.572	0.35	1.69	158	0	NoIsosoma	1	FNEOCGREN'MEVLMMSK	17	ABV4890 1	hypothetical spore wall protein	0.9887
6	2009-03-18-12 6114 6114 2 out	717	4	0.297	0.24	1.68	122	2773	IVIV	1	DLWQR	5	NP_149548 1	085L	0.9823
34	2009-03-18-12 508 508 2 out	814	4	0.501	0.16	1.68	417	0	IVIV	1	EFHYFK	6	NP_149750 1	287R	0.9553
38	2009-03-18-12 1101 1101 2 out	826	5	0.235	0.17	1.67	225	0	IVIV	1	KILDPK	7	NP_149707 1	244L	0.9931
68	2009-03-18-12 1627 1627 2 out	989	6	0.579	0.39	1.65	523	0	IVIV	1	TCVRLLER	8	YP_654695 1	hypothetical protein MIV123L	0.9752
70	2009-03-18-12 3446 3446 2 out	992	7	0.405	0.25	1.65	316	0	NoIsosoma	1	LLSCKYKK	8	ABE069722 1	unknown	0.9936
88	2009-03-18-12 3756 3756 2 out	1606	5	0.792	0.35	1.65</									

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Si No	File Name	(M+H) ⁺	•M	•Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
58	2009-03-18-13 3965 3965 2 out	1790	9	0.384	0.65	3.18	725	0	No	SYELPDGQVKIGSER	16	AAB86863	1	actin	0.9752	
50	2009-03-18-13 3349 3349 2 out	1592	8	1.501	0.25	2.36	255	1.099	IV6	1NYPTIQDEMMLKK	13	NP	149675	1	212L	0.9659
52	2009-03-18-13 4092 4092 2 out	1614	9	0.613	0.31	2.32	627	0	IV6	1TILTTKVQNIIEK	14	NP	149513	1	050L	0.9788
23	2009-03-18-13 3187 3187 2 out	1070	6	1.514	0.44	2.31	597	0	IV6	1LLWDWLPK	8	NP	149515	1	052R	0.9806
36	2009-03-18-13 3977 3978 2 out	1205	7	0.546	0.38	2.25	271	0	IV6	1VDVSTQTKVK	11	NP	149655	1	192R	0.9977
54	2009-03-18-13 4141 4143 3 out	1668	1425	0.46	2.18	460	0	No	1KVQEVQDILEK	14	ABE	27269	1	unknown	0.9938	
42	2009-03-18-13 3762 3762 2 out	1320	7	1.61	0.28	2.09	226	1.099	IV6	1VOFNDTNLKPK	11	NP	149852	1	389L	0.9901
11	2009-03-18-13 2489 2489 2 out	892	5	0.658	0.28	2.08	340	0	IV6	1ETVGVLFK	8	NP	149770	1	307L	0.9866
41	2009-03-18-13 4066 4066 2 out	1268	6	1.604	0.41	2.07	446	0.693	IV6	1DKMQIYVEDK	10	NP	149676	1	213R	0.9925
53	2009-03-18-13 4175 4176 2 out	1648	8	0.795	0.39	2.07	205	1.099	IV6	1ETTNEEVIIDEIK	14	NP	149901	1	438L	0.9966
5	2009-03-18-13 2049 2049 2 out	763	5	1.329	0.21	2.05	250	0	IV6	1FKFKVK	6	NP	149758	1	295L	0.9863
62	2009-03-18-13 4002 4002 3 out	2667	3	1.232	0.41	1.89	176	0	IV6	1MEHIIAEVSLSLDPHFLRENK	23	NP	149750	1	287R	0.9952
16	2009-03-18-13 1700 1700 3 out	940	6	1.961	0.28	1.88	219	0	IV6	1RWIQLPK	7	NP	149778	1	315L	0.9764
48	2009-03-18-13 4445 4445 2 out	1492	9	0.544	0.3	1.88	274	0.693	No	1VLDNRHLGSIKLK	13	BAF	76326	1	heat shock protein 70	0.9649
8	2009-03-18-13 1126 1126 2 out	815	6	0.437	0.26	1.85	246	0	IV6	1QIRMLR	6	NP	853560	2	polyprotein	0.9522
3	2009-03-18-13 2427 2427 2 out	747	4	1.659	0.26	1.81	398	0.693	IV6	1UNEESR	6	NP	149642	1	179R	0.9889
44	2009-03-18-13 3873 3873 2 out	1387	7	0.803	0.3	1.81	197	0.693	IV6	1MSGGGTLESSIR	13	NP	149678	1	415R	0.9931
59	2009-03-18-13 3479 3479 3 out	1824	8	1.622	0.45	1.79	206	0.693	IV6	1FLDGYIYCNKCEE	15	NP	149704	1	241L	0.9622
29	2009-03-18-13 4905 4905 3 out	1129	6	0.273	0.37	1.78	202	0.693	IV6	1MTSRHLRRLR	10	NP	149703	1	240R	0.9932
30	2009-03-18-13 1700 1700 3 out	1142	7	1.115	0.32	1.78	562	0	IV6	1KDAIKSVLR	10	NP	149851	1	022L	0.9898
1	2009-03-18-13 3293 3293 2 out	700	5	0.339	0.25	1.77	357	0	No	1VIIKK	6	ABM	26977	1	RNA polymerase II largest subunit	0.9946
19	2009-03-18-13 2971 2971 2 out	106	5	1.554	0.33	1.75	251	0	IV6	1FMKNUFDSK	8	NP	149843	1	380R	0.979
27	2009-03-18-13 3865 3865 2 out	1102	7	0.581	0.46	1.75	435	0	No	1PLKSLIYL	9	ABO	69724	1	unknown	0.9833
21	2009-03-18-13 3385 3385 2 out	1040	5	1.625	0.36	1.73	210	0	IV6	1EMH*KINDK	10	NP	149463	1	468L	0.9921
7	2009-03-18-13 1419 1419 2 out	978	5	0.122	0.26	1.72	317	0	No	1KVSRGER	8	ABE	26655	1	polyprotein	0.9668
26	2009-03-18-13 4263 4263 2 out	1102	5	0.598	0.39	1.72	267	0	gu	1QVGE GAPSTR	11	NP	654576	1	hypothetical protein MIV004R	0.9954
61	2009-03-18-13 3342 3342 3 out	2063	1	0.007	0.45	1.72	115	1.946	BCV	1MVAQSGPVMSQSLSRVDR	19	NP	620564	1	nonstructural polyprotein	0.9892
47	2009-03-18-13 3492 3492 2 out	1459	8	0.44	0.4	1.71	399	0	IV6	1M*PHYVVVKSPMR	13	NP	149567	1	104L	0.9532
14	2009-03-18-13 3475 3475 2 out	918	3	1.598	0.38	1.69	176	0.693	g	1CECTCMW	8	YP	654593	1	hypothetical protein MIV021L	0.9645
35	2009-03-18-13 6102 6102 3 out	1205	5	0.723	0.55	1.67	135	1.386	No	1PSSM*SM*LLR	13	NP	001392456	1	hypothetical protein An88p03390	0.9798
40	2009-03-18-13 3180 3180 3 out	1265	6	1.275	0.45	1.66	191	0	BCV	1LYNM*GVSYM'R	12	NP	620564	1	nonstructural polyprotein	0.9612
7	2009-03-18-13 2507 2507 2 out	804	4	0.151	0.3	1.64	209	0.693	IV6	1KGCLVER	7	NP	149610	1	147L	0.9888
10	2009-03-18-13 3721 3721 2 out	880	5	1.785	0.36	1.61	340	0	IV6	1NFVKMVK	7	NP	149902	1	439L	0.9558
24	2009-03-18-13 4264 4264 3 out	1083	5	1.337	0.36	1.61	291	1.099	IV6	1VDFSEAFER	9	NP	149636	1	143R	0.983
39	2009-03-18-13 3027 3027 2 out	1258	7	0.662	0.35	1.58	358	0	IV6	1NKSFLNNESEK	11	NP	149521	1	060L	0.9549
25	2009-03-18-13 4831 4831 3 out	1059	6	0.227	0.36	1.57	262	0	No	1VFRGKAEQR	9	AAT	22931	1	DNA repair helicase RAD25	1
43	2009-03-18-13 4877 4877 3 out	1377	7	0.165	0.38	1.56	138	1.099	IV6	1RSSF SGVLMLFK	13	NP	149659	1	236L	0.9927
31	2009-03-18-13 5297 5297 2 out	916	4	0.377	0.36	1.54	182	0.693	IV6	1RATM*CYR	8	AB	58189	1	structural protein	1
3	2009-03-18-13 2565 2565 3 out	1147	6	0.93	0.34	1.54	562	0	No	1ELFDRLKLK	3	ABO	69722	1	unknown	0.9776
2	2009-03-18-13 3516 3516 2 out	896	5	0.193	0.34	1.5	346	0	IV6	1NFVKM*NK	8	NP	149902	1	439L	0.9508
8	2009-03-18-13 3415 3415 2 out	990	6	0.529	0.37	1.51	158	1.099	gu	1IYAVRKK	8	YP	654658	1	hypothetical protein MIV086L	0.9891
20	2009-03-18-13 2538 2538 2 out	1034	6	1.307	0.37	1.51	171	0	IV6	1LNGKSPKIK	9	NP	149647	1	184R	0.9664

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Si No	File Name	(M+H) ⁺	•M	•Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP		
41	2009-03-18-14 3338 3338 3 out	1515	7	0.171	0.66	3.6	1399	0	No	1VHMHFTYNELR	11	AAB	86863	1	actin	0.9868
36	2009-03-18-14 4824 4824 2 out	1457	9	0.613	0.73	3.27	1364	0	No	1IAQVSSITASLR	14	AAB	23550	1	alpha-tubulin	0.959
4	2009-03-18-14 1472 1472 2 out	800	5	0.175	0.39	3.06	793	0	No	1RIDAGR	7	AAB	86863	1	actin	0.9846
42	2009-03-18-14 5063 5063 3 out	1515	8	1.091	0.51	2.94	546	0	IV6	1MFDSWILLYK	12	NP	149535	1	072R	0.9953
16	2009-03-18-14 1264 1264 2 out	1077	5	0.517	0.33	2.61	721	0	No	1IREEYDPR	8	AN	149516	1	beta-tubulin	0.9961
50	2009-03-18-14 4116 4116 2 out	1614	9	1.545	0.41	2.56	577	0	IV6	1TILTTKVQNIIEK	14	NP	149513	1	050L	0.9833
24	2009-03-18-14 2428 2428 3 out	1171	6	0.024	0.47	2.37	708	0	No	1HKGVMVGMGQK	11	AAB	86863	1	actin	0.9611
8	2009-03-18-14 1514 1514 3 out	904	4	1.056	0.18	2.19	263	0	IV6	1EEELQEK	7	NP	149469	1	006L	1
30	2009-03-18-14 4213 4213 2 out	1268	6	1.55	0.37	2.19	420	1.099	IV6	1DKMQIYVEDK	10	NP	149676	1	213R	0.993
11	2009-03-18-14 1763 1763 2 out	958	6	0.551	0.22	2.18	508	0	No	1EAJTRLKK	8	BAF	76326	1	heat shock protein 70	0.9704
2	2009-03-18-14 1122 1122 2 out	792	5	0.137	0.25	2.13	450	0	No	1EFKLKK	6	AAS	16360	1	translation elongation factor 1 alpha	0.9552
57	2009-03-18-14 4444 4444 3 out	1722	0	0.381	0.33	2.1	108	2.708	g	1IFKQKTSQGM*VGLLR	16	YP	654610	1	hypothetical protein MIV038R	0.96
59	2009-03-18-14 3804 3804 3 out	1895	1	1.492	0.41	2.02	225	0	g	1ATKPGDVFVQISCFNR	17	YP	6546492	1	hypothetical protein MIV120R	0.9877
20	2009-03-18-14 5918 5918 3 out	1118	6	1.547	0.33	1.99	456	0	ABPV	1VDLCAEVNK	10	NP	662441	1	replicase polyprotein	0.9739
15	2009-03-18-14 3404 3404 2 out	1071	6	0.237	0.31	1.97	337	0	IV6	1GKVEIFHNIK	9	NP	149917	1	454R	0.9961
6	2009-03-18-14 7398 7398 2 out	819	4	0.726	0.32	1.96	328	0	IV6	1NEKGDK	7	NP	149500	1	037L	0.9612
34	2009-03-18-14 2162 2162 3 out	1385	7	1.32	0.34	1.94	206	0.693	No	1SEQFLMFRK	11	AAZ	23552	1	beta-tubulin	0.9505
45	2009-03-18-14 3745 3745 2 out	1548	9	1.291	0.34	1.93	638	0	No	1LETFDQKNLSKIK	13	ABE	27269	1	unknown	0.9934
37	2009-03-18-14 3576 3576 2 out	1485	9	0.443	0.48	1.91	557	0	No	1ISRLRTPLNLR	12	AAT	12296	1	chromosome segregation protein	0.9897
9	2009-03-18-14 1060 1060 2 out	946	8	1.809	0.35	1.89										

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Sr No	File Name	(M+H) ⁺	HM	xCn	xCorr	Sp	RSp	Referencia	No	Peptide	AA	ID#	Protein	PP			
105	2009-03-18-15 4060 4060 2.out	1790	9	0.601	0.65	3	32	618	0	Nosem	1	SYELPDGGVVKIGSER	16 AAB86863 1	actin	0 9968		
87	2009-03-18-15 3354 3354 2.out	1515	7	0.474	0.58	2	7	684	0	Nosem	1	IVWHTFYNELR	11 AAB86863 1	actin	0 9545		
54	2009-03-18-15 2603 2603 2.out	1171	6	0.296	0.4	2	52	792	0	Nosem	1	HKGVIMVGMGOK	11 AAB86863 1	actin	0 9656		
95	2009-03-18-15 4240 4240 2.out	1614	9	0.472	0.32	2	49	376	0	IV6	1	TILTTKVQNIIEK	14 NP 149513 1	050L	0 9511		
9	2009-03-18-15 705 705 2.out	759	5	1.137	0.04	2	32	225	0	IV6	1	KNKEIK	6 NP 149864 1	401R	0 9917		
90	2009-03-18-15 3669 3669 2.out	1534	0	0.699	0.23	2	21	1091	0	Nosem	1	MPFLVNGPATFQR	14 ABE26655 1	pol polyprotein	0 9572		
56	2009-03-18-15 3372 3372 2.out	1178	7	0.498	0.26	2	18	414	0	IV6	1	LINEIKSFSK	10 NP 149500 1	037L	0 9864		
5	2009-03-18-15 289 289 2.out	729	5	0.372	0.24	2	9	240	0	IV6	1	KSPAACK	7 NP 149872 1	411L	0 9689		
22	2009-03-18-15 1824 1824 2.out	844	5	0.768	0.08	2	9	319	0	IV6	1	KNOLNIK	7 NP 149852 1	389	0 9864		
32	2009-03-18-15 3279 3279 2.out	914	6	0.514	0.22	2	9	198	0	IV6	1	INDLAKK	8 NP 149647 1	184R	0 9967		
38	2009-03-18-15 1336 1336 2.out	973	6	0.51	0.18	2	8	112	2	639	1	KEAQKIEK	8 NP 149612 1	149L	0 9933		
6	2009-03-18-15 1630 1630 2.out	732	4	0.513	0.08	2	6	455	0	Nosem	1	EINNDK	6 ABE26653 1	pol polyprotein	0 9886		
79	2009-03-18-15 3706 3706 2.out	1450	6	0.59	0.28	2	6	357	1	099	1	M*NDNDIVEI	13 NP 149765 1	302L	0 9981		
8	2009-03-18-15 702 702 2.out	746	4	1.13	0.21	1	9	291	0	IV6	1	EDVKKK	6 NP 149832 1	359	0 9881		
35	2009-03-18-15 3205 3205 2.out	948	5	1.13	0.32	1	9	215	0	Nosem	1	VEFLVDK	8 ABE26655 1	pol polyprotein	0 9969		
10	2009-03-18-15 1852 1852 2.out	771	5	1.682	0.2	1	9	662	0	Nosem	1	RIELK	6 ABE27266 1	unknown	0 9792		
13	2009-03-18-15 1266 1266 2.out	792	5	0	0.2	0.18	1	9	292	0	Nosem	1	EFLKLK	6 AAS16360 1	translation elongation factor 1 alpha	0 9558	
63	2009-03-18-15 4255 4255 2.out	1223	6	1.568	0.24	1	9	692	0	Nosem	1	EOKILHGAANR	11 ABO69713 1	Sec61alpha	0 9875		
23	2009-03-18-15 1386 1386 2.out	858	5	0.717	0.18	1	9	268	0	IV6	1	ELKDLK	7 NP 149920 1	457L	0 9857		
94	2009-03-18-15 4985 4985 2.out	1613	1	1.37	0.48	1	9	289	0	IV6	1	IVVIGKAGTGKSTLIR	16 NP 149538 1	075L	0 9781		
20	2009-03-18-15 1255 1255 2.out	830	5	0.589	0.26	1	9	205	0	IVPVIAPV	2	LDKOLVK	7 YP 001040002 1	polymerase polyprotein	0 9918		
86	2009-03-18-15 3804 3804 2.out	1513	7	1.417	0.22	1	9	1	377	0	IV6	1	MASLNDVCYEK	13 NP 149776 1	313L	0 9967	
88	2009-03-18-15 4993 4993 2.out	1518	8	0.282	0.34	1	9	221	0	MSCUT	1	SGRMISVATAVAAR	16 ABQ69192 1	vasa	0 9616		
98	2009-03-18-15 4171 4171 2.out	1648	9	0.581	0.21	1	9	1	229	0	693	1	MGITLEDREEVK	14 NP 149674 1	211L	0 98	
68	2009-03-18-15 3169 3169 2.out	1344	7	0.164	0.23	1	8	430	0	IV6	1	IENENLEEK	11 NP 149776 1	313L	0 9651		
45	2009-03-18-15 1596 1596 2.out	1050	6	0.043	0.24	1	8	375	0	IV6	1	IFAEKSSL	9 NP 149642 1	179R	0 9686		
18	2009-03-18-15 1089 1089 2.out	816	5	0.438	0.15	1	8	366	0	DWVWDVVI	4 QIRMLR	6 NP 853560 2	polyprotein	0 9858			
61	2009-03-18-15 4049 4049 2.out	1209	7	1.605	0.18	1	8	270	0	Nosem	1	LIESPAINKPK	11 ABM26979 1	RNA polymerase II largest subunit	0 9582		
89	2009-03-18-15 4269 4269 2.out	1524	9	1.439	0.33	1	8	814	0	IV6	1	SLGVVNEQLKVNPK	14 NP 149859 1	396L	0 9953		
2	2009-03-18-15 2410 2410 2.out	716	4	0.606	0.14	1	8	493	0	Nosem	1	IDLISR	6 AAD40243 1	translation initiation factor 2 gamma subunit	0 9932		
83	2009-03-18-15 4581 4581 2.out	1492	9	0.598	0.28	1	8	231	1	609	0	VLDNRHLGSIKLK	13 BAFT6326 1	heat shock protein 70	1		
104	2009-03-18-15 4139 4139 2.out	1764	8	1.881	0.26	1	8	185	1	24	0	693	1	YRAECEGEGNQFYGM'R	16 NP 149672 1	209R	0 9566
36	2009-03-18-15 1966 1966 2.out	958	6	0.504	0.21	1	8	391	0	Nosem	1	EATIRLKK	8 BAFT6326 1	heat shock protein 70	0 9589		
28	2009-03-18-15 2213 2213 2.out	892	5	0.657	0.23	1	8	174	0	693	1	ETVGVLFK	8 NP 149770 1	307L	0 9574		
40	2009-03-18-15 2755 2755 2.out	989	5	0.011	0.23	1	8	310	2	197	1	DKKLNESR	8 NP 149639 1	176R	0 9922		
77	2009-03-18-15 3605 3605 2.out	1431	8	0.682	0.37	1	8	43	2	398	0	KBVKBVVKBVVKBVVKBV	5 QVSMQIATPNKSK	13 ABN49472 1	VP4 protein	0 9941	
70	2009-03-18-15 4105 4105 2.out	1356	7	1.495	0.24	1	8	311	0	IV6	1	MQTGINLHSLNK	12 NP 149767 1	304R	0 9724		
99	2009-03-18-15 4782 4782 2.out	1672	8	0.128	0.39	1	8	227	0	Nosem	1	ESVCFYCKPKPHFK	14 ABE26655 1	pol polyprotein	0 9763		
24	2009-03-18-15 3154 3154 2.out	861	5	1.558	0.17	1	8	338	0	IV6	1	EKLKLK	7 NP 149600 1	137R	0 9602		
39	2009-03-18-15 3394 3394 2.out	978	5	0.785	0.19	1	8	358	0	IV6	1	SMLKQMLK	8 NP 149751 1	288R	0 9915		
47	2009-03-18-15 3337 3337 2.out	1086	6	0.675	0.24	1	8	330	1	099	1	1LKNLEINDK	9 NP 149609 1	146R	1		
78	2009-03-18-15 3991 3991 2.out	1437	7	1.691	0.21	1	8	244	0	IV6	1	MTINQIMASIMGK	13 NP 149891 1	428L	0 9952		
82	2009-03-18-15 3582 3582 2.out	1485	9	0.481	0.37	1	8	452	0	Nosem	1	ISRRLTIPJPLNR	12 AAT12296 1	chromosome segregation protein	0 9933		
48	2009-03-18-15 4109 4109 2.out	1102	7	0.493	0.38	1	8	365	0	Nosem	1	PLKSVILYR	9 ABO69724 1	unknown	0 951		
46	2009-03-18-15 3217 3217 2.out	1058	6	0.571	0.21	1	8	273	0	IV6	1	SPNVLSTGKR	10 NP 149664 1	201R	0 9634		
7	2009-03-18-15 8144 8144 2.out	743	5	1.585	0.25	1	8	172	1	189	1	VVERIK	6 YP 654652 1	hypothetical protein MIV080R	0 9825		
15	2009-03-18-15 6019 6049 2.out	803	5	1.734	0.35	1	7	261	0	Nosem	1	QAJEKS	7 ABM26981 1	RNA polymerase II largest subunit	0 9507		
37	2009-03-18-15 1803 1803 2.out	961	4	0.378	0.29	1	7	284	0	IVSV	2	EASPNSDGGK	10 NP 049374 1	polyprotein	0 9956		
52	2009-03-18-15 3673 3673 2.out	1132	6	0.388	0.28	1	7	403	0	gi	1	RGMKNEGR	10 YP 654692 1	hypothetical protein MIV120R	0 9883		
73	2009-03-18-15 4062 4062 2.out	1377	7	0.911	0.41	1	7	210	0	IV6	1	NEENNVRGTRQMK	12 NP 149530 1	067R	0 9888		
103	2009-03-18-15 4206 4206 2.out	1763	1	0.287	0.4	1	7	470	0	Nosem	1	RMFVLAVIVLFLITK	15 AAL28057 1	AF406785 6 calmodulin-dependent protein kinase	0 9931		
60	2009-03-18-15 4175 4175 2.out	1207	5	1.574	0.28	1	7	261	0	IV6	1	VDVSTQTKTVK	11 NP 149655 1	192R	0 9968		
29	2009-03-18-15 3390 3390 2.out	896	5	0.221	0.21	1	6	169	417	0	IV6	1	1NFVKMNMK	8 NP 149902 1	439L	0 9944	
21	2009-03-18-15 2807 2807 2.out	843	5	1.971	0.21	1	6	309	0	Nosem	1	KVIAVGR	8 AAT27474 1	deoxyuridine 5' triphosphate nucleotidohydrolase	0 984		
66	2009-03-18-15 4563 4563 2.out	1283	8	0.832	0.29	1	6	590	0	693	1	1LVNSGAIRLVK	12 NP 149639 1	176R	0 9955		
72	2009-03-18-15 4213 4213 2.out	1374	8	0.902	0.42	1	6	406	0	IV6	1	1LNKSLTSENKK	12 NP 149508 1	045L	0 9951		
84	2009-03-18-15 4497 4497 2.out	1500	7	0.626	0.43	1	6	225	0	693	1	1DDM**AASYLEGKR	14 NP 149635 1	172L	0 9923		
69	2009-03-18-15 4422 4422 2.out	1348	8	0.721	0.31	1	6	394	0	IV6	1	1KFKDILATGDK	12 NP 149612 1	149L	0 9978		
97	2009-03-18-15 4276 4276 2.out	1648	8	0.778	0.35	1	6	208	0	IV6	1	1ETTNEEVNIDEIDK	14 NP 149901 1	438L	0 9983		
26	2009-03-18-15 2808 2808 2.out	877	6	1.394	0	3	6	209	1	099	1	1QVVKYK	7 NP 149813 1	350L	0 995		
101	2009-03-18-15 4083 4083 2.out	1712	9	0.574	0	36	1	6	112	1	609	1	1QALLNTAGSSIMYLSK	17 NP 149618 1	155L	0 9891	
30	2009-03-18-15 1592 1592 2.out	902	6	1.687	0.27	1	6	118	1	609	1	1LVYAPLIK	8 NP 149612 1	149L	0 9973		
102	2009-03-18-15 4398 4398 2.out	1746	8	1.533	0.31	1	6	154	1	099	1	1NCOEKETIVSDNFR	14 NP 149500 1	037L	0 962		
112	2009-03-18-15 4997 4997 3.out	2653	4	1.34	0.37	1	6	263	0	BQCV	1	1VKFATNVSRLLM'LLNHVQCDIAK	24 NP 620565 1	structural polyprotein	0 9672		
25	2009-03-18-15 6591 6591 2.out	875	5	0.912	0.35	1	6	184	0	Nosem	1	DAGGRIMR	8 ABE26648 1	pol polyprotein	0 9974		
33	2009-03-18-15 7086 7086 2.out	9216	5	1.404	0	4	6	185	1	609	1	1SLRSFAIK	8 NP 149767 1	304R	0 9682		
59	2009-03-18-15 3241 3241 2.out	1199	7	0.051	0.33	1	6	249	0	693	1	1KVNIQNDKIK	10 NP 149674 1	211L	0 9529		
81	2009-03-18-15 3076																

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Sl No.	File Name	(M+H) ⁺	M	Cn	Xcorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
73	2009-03-18-16 4016 4016.2.out	1790.9	0.565	0.59	3.5	823	0	Nosema	1	SYELPDGIVIKIGSER	16	AAB86863.1	actin	0.9974
31	2009-03-18-16 2679 2679.2.out	1171.6	0.607	0.36	2.61	864	0	Nosema	1	HKGVMVGQK	11	AAB86863.1	actin	0.9984
49	2009-03-18-16 4294 4294.2.out	1433.8	0.545	0.56	2.48	712	0	IRV6	1	TITEFDPPSIVSK	13	NP_149687.1	224L	0.9845
63	2009-03-18-16 4040 4040.2.out	1614.9	0.412	0.39	2.32	701	0	IRV6	1	TILTIVQVNIEK	14	NP_149513.1	050L	0.9949
8	2009-03-18-16 1673 1673.2.out	800.5	0.969	0.22	2.27	467	0	Nosema	1	RIDAGR	7	AAB86863.1	actin	0.9918
12	2009-03-18-16 2170 2170.2.out	892.5	0.528	0.28	2.27	315	0	IRV6	1	ETVGVLFK	8	NP_149770.1	307L	0.9769
17	2009-03-18-16 1996 1996.2.out	958.6	0.554	0.25	2.24	577	0	Nosema	1	EATIRLKK	8	BAF76326.1	heat shock protein 70	0.9888
67	2009-03-18-16 3773 3773.3.out	1738.9	0.875	0.33	2.24	286	1099	Nosema	1	VPYASPAFMIEKKNK	16	ABE26651.1	pol polyprotein	0.9856
41	2009-03-18-16 3796 3796.2.out	1320.7	1.33	0.37	2.21	193	1099	IRV6	1	VOFNDTNLNK	11	NP_149852.1	389L	0.9887
53	2009-03-18-16 3276 3276.2.out	1475.6	1.574	0.25	2.24	477	0.693	IRV6	1	EMMNNTCSSGGLTR	13	NP_149930.1	467R	0.9731
29	2009-03-18-16 5712 5712.3.out	1148.7	1.832	0.38	2.17	296	0	APVIIAPV	2	LIKKYVSGIK	10	YP_001040002.1	polymerase polyprotein	0.9923
7	2009-03-18-16 249 249.2.out	761.4	0.172	0.14	2.13	502	0	IRV6	1	EIQLMK	6	NP_149723.1	260R	0.961
65	2009-03-18-16 4307 4307.2.out	1703.9	1.841	0.3	2.11	131	0.693	Nosema	1	ISSSTWINNMMNPVIK	15	ABE26652.1	pol polyprotein	0.9563
42	2009-03-18-16 2998 2998.2.out	1344.7	1.563	0.33	2.09	367	0	IRV6	1	IEENENLLEIK	11	NP_149776.1	313L	0.9948
45	2009-03-18-16 4044 4044.2.out	1374.7	0.365	0.29	2.573	0	Nosema	1	EVMRIGAESIAK	12	AAT12295.1	phospholipase D	0.9638	
62	2009-03-18-16 4942 4942.2.out	1613	1.322	0.39	1.97	361	0	IRV6	1	IVVIGKAGTGGKS'LIR	16	NP_149538.1	075L	0.985
64	2009-03-18-16 3776 3776.2.out	1630.8	1.632	0.34	1.97	553	0	IRV6	1	QENMIEIENHNM'LIR	14	NP_149463.1	468L	0.9834
4	2009-03-18-16 368 368.2.out	729.5	0.523	0.25	1.93	228	0	IRV6	1	KSPAAKK	7	NP_149872.1	411L	0.9735
6	2009-03-18-16 1010 1010.2.out	757.5	0.622	0.24	1.92	132	1.609	gi	1	ELVRLK	6	YP_654600.1	hypothetical protein MIV028R	0.9844
28	2009-03-18-16 1672 1672.3.out	1142.7	0.918	0.32	1.94	487	0	IRV6	1	KDIAISKVLR	10	NP_149485.1	022L	0.9596
33	2009-03-18-16 3228 3228.2.out	1199.7	1.545	0.29	1.9	398	0	IRV6	1	KVYNQNKDK	10	NP_149674.1	211L	0.9852
14	2009-03-18-16 4841 4841.2.out	921.6	1.93	0.26	1.88	328	0	IRV6	1	SLRSFAIK	8	NP_149767.1	304R	0.9682
10	2009-03-18-16 1108 1108.2.out	816.5	0.794	0.24	1.86	385	0	DWV1DWV1DWV1Kakugo	4	QIRMLR	6	NP_853560.2	polyprotein	0.9686
70	2009-03-18-16 4157 4157.2.out	1763.1	0.27	0.5	1.84	537	0	Nosema	1	RMFVLAIVLFLTK	15	AAL28057.1	AF406785_6 calmodulin-dependent protein kinase	0.9792
32	2009-03-18-16 5354 5354.2.out	1187.7	0.282	0.33	1.83	701	0	IRV6	1	IAAQKILITTK	11	NP_149513.1	050L	0.9966
23	2009-03-18-16 3383 3383.2.out	1071.6	0.139	0.4	1.79	793	0	IRV6	1	GKVERFHNK	9	NP_149917.1	454R	0.9938
3	2009-03-18-16 2591 2591.2.out	721.4	1.792	0.35	1.76	436	0	Nosema	1	AKIDMK	7	AAB62549.1	glutamyl-tRNA synthetase	0.9826
5	2009-03-18-16 833 833.2.out	743.5	1.746	0.26	1.75	313	0.693	gi	1	VVERIK	6	YP_654652.1	hypothetical protein MIV080R	0.9984
35	2009-03-18-16 2987 2987.3.out	1220.7	1.222	0.44	1.75	360	0	IRV6	1	KATRPFOMGGK	11	NP_149731.1	268L	0.9537
1	2009-03-18-16 3303 3303.2.out	700.5	0.101	0.37	1.74	360	0	Nosema	1	VXDIKK	6	ABM26977.1	RNA polymerase II largest subunit	0.9723
18	2009-03-18-16 1718 1718.2.out	989.6	0.358	0.29	1.74	353	0	gi	1	TVCRLLER	8	YP_654695.1	hypothetical protein MIV123L	0.9981
51	2009-03-18-16 3510 3510.2.out	1459.8	0.45	0.3	1.74	403	0	IRV6	1	M'PHYVVVKSPMR	13	NP_149567.1	104L	0.9549
19	2009-03-18-16 3402 3402.2.out	1040.5	1.66	0.4	1.72	253	0	IRV6	1	EM'MKINDK	10	NP_149463.1	468L	0.9547
74	2009-03-18-16 4725 4725.2.out	1824.9	1.55	0.35	1.72	308	0	Nosema	1	YD1SNDDVRRAMEK	15	AB069724.1	unknown	0.9953
81	2009-03-18-16 3850 3850.3.out	2166.1	1.517	0.5	1.71	90	0.693	Nosema	1	ISAEDNLLIFDEMVRGGMR	19	AAB62549.1	glutamyl-tRNA synthetase	0.9967
25	2009-03-18-16 4066 4066.2.out	1102.7	0.429	0.46	1.69	451	0	Nosema	1	PLKSIILYR	9	AB069724.1	unknown	0.9707
13	2009-03-18-16 2704 2704.2.out	915.6	0.085	0.33	1.68	130	0.693	VDV1VDV1	2	EKLISVVK	8	YP_145791.1	polyprotein	0.9955
11	2009-03-18-16 3750 3750.2.out	880.5	1.838	0.36	1.67	280	0.693	IRV6	1	NFKVMNK	7	NP_149902.1	439L	0.9869
66	2009-03-18-16 4038 4038.2.out	1712.9	0.603	0.42	1.66	86	1946	IRV6	1	QALLNTAGSSIM'YLSK	17	NP_149618.1	155L	0.9859
21	2009-03-18-16 3456 3456.2.out	1048.9	0.642	0.38	1.65	177	0	VDV1	1	LDM'GTLNIR	10	ACF24764.1	polyprotein	0.9908
60	2009-03-18-16 4426 4426.2.out	1579.9	0.472	0.42	1.65	725	0	IRV6	1	FLRETVGVLFKDR	13	NP_149770.1	307L	0.9969
50	2009-03-18-16 3969 3969.2.out	1436.7	0.658	0.39	1.64	249	0	Nosema	1	YHIEETYDKL	11	ABE27264.1	unknown	0.979
34	2009-03-18-16 4024 4024.2.out	1205.7	0.227	0.36	1.62	210	0.693	IRV6	1	VDVSTQTKTVK	11	NP_149655.1	192R	0.9971
55	2009-03-18-16 4128 4128.2.out	1513.0	0.613	0.46	1.62	163	0	IRV6	1	UILLASLVLIFGK	14	NP_149676.1	213R	0.9928
69	2009-03-18-16 4190 4190.2.out	1746.8	0.481	0.44	1.62	278	0	IRV6	1	INCOENETIYSDNFR	14	NP_149500.1	037L	0.9826
71	2009-03-18-16 3821 3821.2.out	1769.8	1.604	0.37	1.62	345	0	IRV6	1	FEASEMYSWYKSNK	14	NP_149902.1	439L	0.9964
43	2009-03-18-16 3678 3678.2.out	1366.7	1.694	0.33	1.61	517	0	IRV6	1	INLVLFDHCR	11	NP_149818.1	355R	0.9842
15	2009-03-18-16 2699 2699.2.out	922.4	0.576	0.35	1.59	345	0.693	IRV6	1	DREMIMIK	7	NP_149463.1	006L	0.9968
56	2009-03-18-16 3659 3659.2.out	1522.8	0.587	0.35	1.59	282	0	IRV6	1	M'ANLGSNSQQLGSSK	16	NP_149724.1	261R	0.9849
59	2009-03-18-16 2865 2865.3.out	1548.8	0.597	0.34	1.58	299	0	gi	1	MTITNTWQAOLNKK	13	YP_654621.1	hypothetical protein MIV049R	0.9748
47	2009-03-18-16 3800 3800.2.out	1399.6	1.477	0.56	1.57	296	0	IRV6	1	FRSDMQESLMR	11	NP_149676.1	213R	0.9573
72	2009-03-18-16 3707 3707.3.out	1775.9	1.263	0.39	1.57	114	1.792	Nosema	1	ALVERLDRSPVDTTEFGK	16	AACT4760.1	mitochondrial-type HSP70	0.9854
37	2009-03-18-16 2247 2247.3.out	1255.6	0.207	0.33	1.56	257	0	IRV6	1	KVYIISTNNMR	11	NP_149589.1	126R	0.9664
76	2009-03-18-16 3006 3006.3.out	1978	1.266	0.41	1.54	247	0.693	IRV6	1	FFSTLNLFKEKNDYR	16	NP_149837.1	374R	0.9575
61	2009-03-18-16 4371 4371.3.out	1585.9	0.592	0.51	1.53	104	0.693	Nosema	1	KIONLSEIRIM'IPK	14	ABY49796.1	hypothetical spore wall protein 14	0.9701
30	2009-03-18-16 3675 3675.2.out	1160.6	0.161	0.4	1.52	398	0	KBVKBV	2	ITVENALGESK	11	NP_851403.1	non-structural polyprotein	0.979
48	2009-03-18-16 3628 3628.2.out	1413.7	0.681	0.42	1.51	99	1.792	IRV6	1	HDOTDTWKLER	11	NP_149633.1	170L	0.9874
52	2009-03-18-16 1587 1587.3.out	1466.7	1.74	0.38	1.51	146	0.693	Nosema	1	KKTFHLWVYTGE	12	ABG91162.1	beta-tubulin	0.9682
27	2009-03-18-16 3920 3920.2.out	1134.6	0.558	0.38	1.5	315	0	APVIIAPV	2	VQKNPNSGYK	10	YP_001040003.1	structural polyprotein	0.9973

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Sr No	File Name	(M+H)	*M	*Cn	XCorr	Sp	RSp	Reference	No	Peptide	AA	ID#	Protein	PP
82	2009-03-18-17 4014 4014 2.out	1790	9	1.41	0.66	3.8	674	0	Nosema	1SYELPDGQVIGKSER	16	AAB86863	1 actin	0.9765
36	2009-03-18-17 2647 2647 2.out	1171	6	0.426	0.4	2.9	744	0	Nosema	1HKGVMVGMGQK	11	AAB86863	1 actin	0.9982
60	2009-03-18-17 3738 3738 2.out	1432	8	0.96	0.36	2.26	568	0	gi	1AM'VLDLKLGLSK	14	YP_654651	1 hypothetical protein MIV079L	0.968
46	2009-03-18-17 4140 4140 2.out	1268	6	1.576	0.3	2.21	522	0	693	1DKMQIYVEDK	10	NP_149676	1 213R	0.9943
35	2009-03-18-17 2765 2765 2.out	1164	6	1.261	0.36	2.09	246	0	IV6	1KVKNQCESTK	10	NP_149813	1 350L	0.9584
4	2009-03-18-17 620 620 2.out	731	4	1.741	0.16	2.05	248	1.099	IV6	1VKDELK	6	NP_149469	1 006L	0.9988
57	2009-03-18-17 4048 4048 2.out	1377	7	1.475	0.27	2.03	161	0	IV6	1NENNSVGRTQMK	12	NP_149530	1 067R	0.9931
73	2009-03-18-17 3355 3355 2.out	1592	8	0.598	0.28	2.03	373	0	IV6	1NPTIQDEMKLLK	13	NP_149675	1 212L	0.9837
54	2009-03-18-17 2987 2987 2.out	1344	7	1.362	0.32	2.02	315	1.099	IV6	1IENENNLEEK	11	NP_149776	1 313L	0.9985
77	2009-03-18-17 4008 4008 2.out	1632	9	0.539	0.33	1.97	344	0	IV6	1TALANTAILMEIMK	15	NP_149904	1 441R	0.967
23	2009-03-18-17 4580 4580 2.out	994	4	0.682	0.27	1.92	165	1.946	KBV1KBV1KBV	3MNNEALM'R	9	YP_308663	1 VP3	0.9876
70	2009-03-18-17 4497 4497 2.out	1545	9	0.577	0.21	1.9	196	0	IV6	1QKDFHFKEILLK	12	NP_149493	1 030L	0.9949
53	2009-03-18-17 3034 3034 2.out	1323	5	1.338	0.3	1.88	68	0	Nosema	1EDDESEKNDDK	11	ABV48893	1 hypothetical spore wall protein	0.999
10	2009-03-18-17 963 963 2.out	792	5	0.401	0.16	1.87	406	0	Nosema	1EFLKLK	6	AAS16360	1 translation elongation factor 1 alpha	0.9967
68	2009-03-18-17 3629 3629 2.out	1533	8	0.773	0.33	1.87	297	0.693	gi	1PVVYSTRDGAEVLK	14	YP_654588	1 hypothetical protein MIV016R	0.9817
5	2009-03-18-17 2634 2634 2.out	748	4	0.596	0.29	1.86	610	0	Nosema	1EVECLR	6	ABV48890	1 hypothetical spore wall protein	0.9886
17	2009-03-18-17 3651 3651 2.out	880	5	1.786	0.39	1.86	343	0.693	IV6	1NPFVKMNK	7	NP_149902	1 439L	0.9928
31	2009-03-18-17 4056 4056 2.out	1102	7	1.529	0.48	1.86	515	0	Nosema	1PLKSIILYR	9	ABO69724	1 unknown	0.9802
74	2009-03-18-17 4960 4960 2.out	1613	1	1.336	0.44	1.85	307	0	IV6	1IVIGKAGTGTGKSTLIR	16	NP_149538	1 075L	0.9876
55	2009-03-18-17 3190 3190 2.out	1353	7	0.589	0.31	1.84	210	0	gi	1M'LVNM'ATWEVK	13	YP_654666	1 hypothetical protein MIV094L	0.9907
28	2009-03-18-17 1265 1265 3.out	1082	7	1.874	0.42	1.81	199	0	Nosema	1IETHLKLTK	9	ABV48898	1 hypothetical spore wall protein	0.9859
76	2009-03-18-17 3760 3760 2.out	1630	8	0.613	0.34	1.8	311	1.099	IV6	1QENMLIESHN'MLR	14	NP_149463	1 468L	0.9505
15	2009-03-18-17 1375 1375 2.out	835	5	0.685	0.19	1.77	411	0	IV6	1MLIM'ALK	8	NP_149882	1 419L	0.9979
75	2009-03-18-17 3923 3923 2.out	1614	9	0.575	0.36	1.77	306	0	IV6	1TILTTKVONINIEK	14	NP_149513	1 050L	0.9763
80	2009-03-18-17 4543 4543 2.out	1746	8	0.737	0.41	1.77	148	0.693	IV6	1NCQEKEITYSDNFR	14	NP_149500	1 037L	0.9848
27	2009-03-18-17 3419 3419 2.out	1071	6	0.599	0.24	1.76	233	0	IV6	1GKVEIFHNK	9	NP_149917	1 454R	0.9937
49	2009-03-18-17 3690 3690 2.out	1309	8	0.769	0.34	1.76	294	0.693	Nosema	1HFGVRLRLAK	11	AAU11093	1 unknown	0.9994
65	2009-03-18-17 4973 4973 2.out	1518	8	0.257	0.32	1.75	192	0	MSCUT	1SGRM'SILVATAVAAR	16	ABQ96192	1 vasa	0.999
14	2009-03-18-17 905 905 2.out	830	5	0.26	0.21	1.74	165	0.693	Kakugo	1QIQWKK	6	YP_015696	1 polyprotein	0.9985
59	2009-03-18-17 4035 4035 2.out	1411	7	0.422	0.34	1.74	475	0	IV6	1FKERASHHDFK	11	NP_149818	1 355R	0.9881
21	2009-03-18-17 2713 2713 2.out	989	5	0.433	0.3	1.73	457	0	IV6	1DKKLNESR	8	NP_149639	1 176R	0.9958
22	2009-03-18-17 1710 1710 2.out	989	6	0.358	0.31	1.72	531	0	gi	1TVCRLLER	8	YP_654696	1 hypothetical protein MIV123L	0.9703
52	2009-03-18-17 5677 5677 3.out	1315	8	0.676	0.42	1.72	215	0.693	Nosema	1KGVNQNIITSLK	12	AAT72742	1 60S ribosomal protein L10a	0.9688
63	2009-03-18-17 3480 3480 2.out	1485	9	0.275	0.54	1.71	447	0	Nosema	1ISRRRTFIPILNR	12	AAT12296	1 chromosome segregation protein	0.9922
66	2009-03-18-17 4215 4215 2.out	1524	9	1.43	0.36	1.71	632	0	IV6	1SLGVVNEQLKVNPK	14	NP_149859	1 396L	0.9952
16	2009-03-18-17 2176 2176 2.out	859	5	0.065	0.37	1.71	199	1.386	Nosema	1IQAESIAK	8	AAT12295	1 phospholipase D	0.997
81	2009-03-18-17 4126 4126 2.out	1763	1	0.352	0.51	1.68	416	0	Nosema	1RMFVLAVLVLFLTK	15	AAL2057	1 AF406785_6 calmodulin-dependent protein kinase	1
6	2009-03-18-17 3227 3227 2.out	760	4	0.008	0.29	1.67	214	0.693	IV6	1LNSGEIK	7	NP_149761	1 298R	0.9832
18	2009-03-18-17 2400 2400 2.out	892	5	0.725	0.31	1.67	179	0	IV6	1ETVGVLFK	8	NP_149770	1 307L	0.9803
78	2009-03-18-17 4227 4227 2.out	1648	8	0.602	0.41	1.67	350	0	IV6	1ETTNEEVNIDEIDK	14	NP_149901	1 438L	0.9505
26	2009-03-18-17 3323 3323 2.out	1048	5	0.564	0.34	1.64	136	1.099	VDV1	1LDM'GTLNIR	10	ACF24764	1 polyprotein	0.9991
30	2009-03-18-17 1032 1032 2.out	1093	6	0.111	0.31	1.61	240	0.693	SVISV/ SV	3LSTLTSCKK	10	AAL79021	1 AF469603_1 polyprotein	0.9865
56	2009-03-18-17 4049 4049 2.out	1356	7	1.521	0.39	1.6	294	0	IV6	1MOTGNLNLHSNPK	12	NP_149767	1 304R	0.9836
12	2009-03-18-17 1678 1678 2.out	820	4	0.086	0.36	1.59	322	0	KBV	1QIDVSMQ	7	YP_308662	1 VP2	0.992
9	2009-03-18-17 6905 6905 2.out	790	4	1.074	0.38	1.57	175	0	IV6	1KEAGEEK	7	NP_149490	1 027L	0.9938
88	2009-03-18-17 4414 4414 3.out	2629	2	0.397	0.39	1.57	245	0	Nosema	1MYARIIFMSYRVNSADSFMINGR	22	ABV48897	1 hypothetical spore wall protein	0.9756
33	2009-03-18-17 6119 6119 3.out	1109	5	1.244	0.42	1.55	98	2.639	Nosema	1VDYNVKEDK	9	ABO69713	1 Sec61alpha	0.9813
71	2009-03-18-17 4425 4425 2.out	1579	9	0.438	0.4	1.54	614	0	IV6	1FLRETVGVLFKDR	13	NP_149770	1 307L	0.9956
42	2009-03-18-17 4041 4041 2.out	1205	7	0.038	0.3	1.52	174	0	IV6	1VDVSTQTKTVK	11	NP_149655	1 192R	0.9843
39	2009-03-18-17 4639 4639 2.out	1176	7	0.371	0.37	1.51	167	0	Nosema	1NIPQAPRGVPK	11	BAF76326	1 heat shock protein 70	0.973
62	2009-03-18-17 3834 3834 2.out	1476	8	0.881	0.4	1.51	82	1.609	IV6	1YNGYHERPISK	12	NP_149795	1 332L	0.9901
19	2009-03-18-17 3138 3138 2.out	930	5	0.365	0.39	1.5	315	0	IV6	1EAIDILEK	8	NP_149624	1 161L	0.9933